



# **TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY 2023**

## **School Report**

Your School Compared to  
the World: Diagnosis of  
Strengths, Weaknesses, and  
Potential Causes



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TIMSS 2023 School Report

Your School Compared to the World: Diagnosis of Strengths, Weaknesses, and Potential Causes

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## I. Introduction

**“In God We Trust, All Others Must Bring Data.”**

**W. Edward Deming (American statistician, 1900-1993)**

### Trends in International Mathematics and Science Study (TIMSS) 2023

The Trends in International Mathematics and Science Study (TIMSS) 2023 is a large-scale international assessment that evaluates the mathematics and science achievement of fourth and eighth-grade students worldwide. Conducted by the International Association for the Evaluation of Educational Achievement (IEA), TIMSS has been administered every four years since 1995, providing valuable insights into global educational trends, curriculum effectiveness, and student learning outcomes.

TIMSS 2023 continues this tradition by assessing students' knowledge and skills in mathematics and science through innovative digital-based assessments. The study examines not only academic performance but also contextual factors such as teaching practices, school resources, and students' attitudes toward learning. It collects extensive background data from students, teachers, and school administrators, helping policymakers and educators understand the relationships between educational policies and student achievement.

A key feature of TIMSS 2023 is its transition to a fully digital format, enhancing the assessment's ability to measure higher-order thinking skills. This cycle also explores emerging trends in STEM education, equity in learning opportunities, and the impact of technology in classrooms. The findings from TIMSS 2023 will contribute to global discussions on improving mathematics and science education, shaping future teaching strategies and policies.

#### What will be provided in the school report?

In addition to comparing your school's mean (average) performance in the questionnaire against other schools, we will provide detailed contrasts between (i) boys and girls (if your school is co-educational) and (ii) low and high socioeconomic status (SES) students, and (iii) low and high achievers. On these differences, schools might have to look into possible reasons (e.g., insufficient support for low SES students; greater tolerance of boys' misbehavior, thus leading to boys' lower academic performance; both low and high achievers having no interest in reading books).

Statistically, we will provide information beyond league tables (comparison of means) by analysing relations between students' behaviours/attitudes and possible background factors. This lowers the importance of league tables and focuses our attention on the sources of various problems and weaknesses.

Making full use of the school reports is a challenging task. For example, while eating breakfast is a simple and effective strategy to improve students' academic achievement, an "eat breakfast" campaign would not be effective in schools where most students already have breakfast regularly. The information must be used professionally and educationally. Nothing can replace your professional judgment on what works best for your school.

#### Precautions and Limitations:

The factors influencing students' learning, social, and emotional development are complex and interconnected. Our findings might be biased and may not fully represent the entire scenario of your school due to factors such as a biased student sample (if some students did not participate), inaccuracies in students' responses, or an insufficient total sample size from your school.

#### Interpreting the Results:

This report analyzes both questionnaire items and scales (composite of items). We provide (i) the Quotient Score (Q-score; average for Hong Kong schools at the same educational level = 100, SD = 15) and (ii) the percentile rank (P-score, percentile relative to other Hong Kong schools at the same educational level) for both items and scales. Items/Scales have been recoded (changes in the direction of the scores), where necessary, so that a high Q-score/P-score generally signifies more desirable/positive performance. For example, a Q-score of 113 (P-score 80.7) in Students Sense of School Belonging suggests that your students' average Students Sense of School Belonging is higher than 80.7% of the schools in Hong Kong. For scales already reverse coded, such as No Student Bullying, a high percentile is desirable, showing your school's

comparative advantage (less bullying). The implications of high Q- or P-scores will be clearly stated in their respective sections, along with the exact questions used in the questionnaire.

## Summary Tables:

We use specific symbols ( ✓ and ? ) to denote strengths and weaknesses, presenting your school's performance in a tabular format. This provides (i) an overview of your school (e.g., "Does your school generally exhibit more strengths or weaknesses?") and (ii) your school's relative performance across different domains/scales. The tables display the school's performance in terms of (i) the mean scores, (ii) the difference between low and high achievers (achievement advantage), (iii) social equity, and (iv) gender equity. Despite a school's overall strengths (or weaknesses), there are always scales relatively the weakest (or strongest). Specifically, for the **Scales**, we identify 3 relatively strongest and 3 weakest scales in terms of their mean scores (e.g., Digital Self-Efficacy) and 3 strongest and 3 weakest scales regarding gender (no difference between girls and boys is desirable), achiever difference (positive difference between high/low achievers is desirable), and social equity (no difference between high/low SES students is desirable).

### Reading the Report I: Look for Weak and Strong Scale

1. Browse through the summary table, see which scales/items are the weakest and which scales/items are the strongest. The weakest scales/items are those with the most number of ?. The strongest scales/items are those with the most number of ✓ .
2. Scales are in **bolded**, while items are in *italics*.
3. In the provided example, this school performs poorly in the mean level of the scale Digital Self-Efficacy (Digital Self-Eff) compared to other schools in Hong Kong, putting Digital Self-Eff the third lowest scale among all scales within this school. Note that within-school comparisons (S1 to S3, W1 to W3) are only available for scales.
4. The gender difference in Digital Self-Efficacy within this school is small, suggesting that boys and girls have similar levels of Digital Self-Efficacy. Additionally, the ( ✓✓✓✓✓ under gender equity suggests this school performs well in gender difference (S1), that is, the difference between boys and girls is small in Digital Self-Eff.

		Mean	Ach Ad-vantage			SES Equity		Gender Equity	
<b>Digital Self-Eff</b>	W3	???	W1	???	H	✓✓	L	S1	✓✓✓✓✓
<i>Write on Computer</i>		???		???	H	✓✓	L		✓✓ G
<i>Create Presentations</i>		???		???	H	✓✓✓✓			✓✓✓✓✓
<i>Create Graphs</i>		???		???	H	✓✓✓✓			✓✓ B
<i>Find Info Online</i>		?		✓✓	H	✓✓	L		?? G
<i>Assess Website Trust</i>		???		???	L	✓✓✓✓✓			✓✓ G
<i>New On Computer</i>		???		???		✓✓✓✓✓			✓✓✓✓
<i>Help Others</i>		???		???	H	??	L		✓✓✓✓

## Reading the Report II: Look at the Average Performance

We present the average performance of students using Percentile (P) and Quotient (Q) scores. P-scores reflect your school's percentile ranking compared to other schools in Hong Kong, with a higher percentile denoting superior performance. Q-scores are set with a mean of 100 and a standard deviation (SD) of 15 for all Hong Kong schools. For instance, a Q-score of 85, 100, and 115 corresponds to your school surpassing 16%, 50%, and 84% (equivalent to P-scores of 16, 50, and 84, respectively) of all schools in Hong Kong. Based on your school's performance, specific recommendations will be provided. This average performance across all students will be succinctly summarized as 'strengths' and 'weaknesses' in the summary tables.

We use the Q- and P-scores in more sophisticated analyses comparing groups and offering grade-specific recommendations. You might notice some contradictory information in different report sections. For example, due to small sample sizes at the two ends, Q-scores below 85 are reported as 85, and those above 116 as 116. Thus, a school with a Q-score 116 can be reported to be much higher (or lower) than other schools in Hong Kong (which is also 116). This is not a typo because the comparison is based on more sophisticated analyses. However, inspecting your school's Q- and P-scores should still be useful to understand where your school stands in Hong Kong.

Additionally, we presented a comparison between your school and other schools in High Performing Countries/Economies (HPCE) in TIMSS 2023. The HPCE group comprised Singapore, Korea, Chinese Taipei, Japan, Abu Dhabi, Macao CN, Lithuania, Turkiye, and England.

In this instance, the example school here demonstrated a slightly lower frequency of bullying in terms of threatening behavior (note that the Q-score has already been recoded to represent a positive meaning), with a Q-score of 103 and a P-score of 57.9. However, the median school within the HPCE group achieved a Q-score of 109 and a P-score of 72.6. This suggests that the average level of no bullying in terms of threatening behavior exceeds that of Hong Kong. While this school did surpass the Hong Kong average, it still fell short of the HPCE standard. Therefore, to align with schools in the HPCE category, substantial improvement is required.

### No Threatened (No Threatened)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' experiences with threats of violence. A higher Q-score/P-score indicates that students in your school have experienced threats of violence LESS frequently compared to students in other schools in Hong Kong.

**Content:**

*During this school year, how often have other students from your school done any of the following things to you, including through texting or the Internet?*

*Threatened me*

#### Overall Performance

- Your school has Q-score 103 , P-score 57.9 .
- In HPCE, the median school Q-score is 109 , while the P-score is 72.6 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

In the detailed report for each subscale, we will present the distribution of responses followed by the average performance. The distribution illustrates the percentage of students selecting different options (distributions may be omitted if there are excessively numerous options).

**Item Distribution of Your Students (%)**

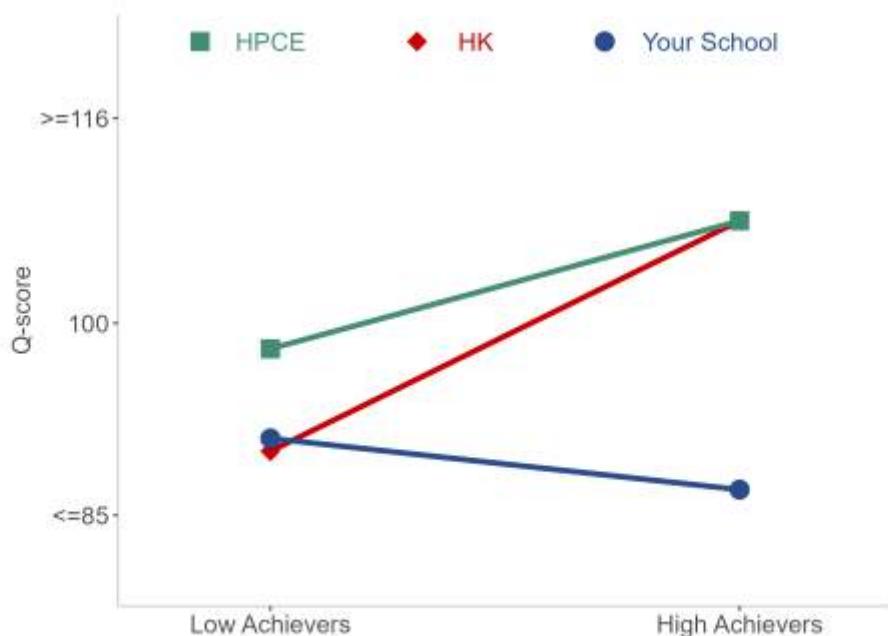
Options	Percentage
At least once a week	17.65
Once or twice a month	17.65
A few times a year	17.65
Never	47.06

### Reading the Report III: Differences between Low /High Achievers

We generally expect high achievers to exhibit more desirable traits, such as fewer bullying problems. However, in this school, both high and low achievers report more bullying issues compared to the Hong Kong average. Notably, high achievers in this school experience more bullying than their lower-achieving peers. In contrast, in other schools across Hong Kong and high-performing countries/economies (HPCE), high achievers tend to face fewer bullying problems. This suggests underlying bullying issues within the school. We recommend implementing school-wide improvements, with particular attention to supporting high achievers.

#### Difference between Low/High Achievers (No Bullying)

- In your school, high achievers ( Q = 87 ) LOWER THAN low achievers ( Q = 91 ).
- In HK, high achievers ( Q = 108 ) HIGHER THAN low achievers ( Q = 90 ).
- In HPCE, high achievers ( Q = 108 ) HIGHER THAN low achievers ( Q = 98 ).
- Recommendation (cf. HK): Slightly weak, improve the whole school, particularly high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



#### Reading the Report IV: Differences between Low /High Socioeconomic Status Students

Quality education ideally results in similar achievements and attitudes among students of high and low socioeconomic status (SES). Globally, high SES students often outperform their lower SES counterparts, but the smaller the disparity, the better the educational equity.

##### Difference between Low/High SES (Clear Teaching)

- In your school, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 116 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 106 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



In this example, both low-SES and high-SES students show similar patterns, which aligns with the overall situation in Hong Kong. Additionally, the school's overall mean is higher than the Hong Kong average. The school demonstrates high levels of clarity in teacher expectations and strong SES equity.

## Reading the Report V: Differences between Boys and Girls

To achieve gender equity, schools should minimize disparities between boys and girls. In this case, boys reported experiencing more noise in science class than girls in that school, whereas in both Hong Kong and other high-performing countries/economies (HPCE), boys and girls reported similar levels of noise. It is recommended that the school take measures to improve the classroom environment for boys.

### Difference between Boys/Girls (Quiet Class)

- In your school, boys ( Q = 100 ) LOWER THAN girls ( Q = 110 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 104 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



## II. Summary Table (Scales)

- (1) This comprehensive table summarizes all scales of your school.
- (2) Your school is compared to all other schools in Hong Kong with results reported in 8 grades: 1 (lowest, **???**) and 8 (highest, **✓✓✓✓✓**). Schools performing well in numerous scales will have more **✓** than **?**.
- (3) For Achievement Advantage, we indicate which group has the higher Q-score: L = low Achievers; H = high achievers. For SES equity, we indicate the higher Q-score group: L = low SES students; H = high SES students. For gender equity, the higher Q-score group is indicated by: G = girls; B = boys.
- (4) Regardless of the overall number of **✓** or **?**, each school will have certain scales that are the strongest and weakest. We will highlight (i) the top 3 strongest (S1-S3, with S1 being the strongest) and bottom 3 weakest (W1-W3, with W1 being the weakest) scales based on mean Q-scores; (ii) the 3 best and 3 worst scales in terms of SES equity (S1-S3, W1-W3; smallest to largest Q-score differences, respectively); and (iii) the 3 best and 3 worst scales in gender equity (S1-S, W1-W3; smallest to largest Q-score differences, respectively).
- (5) #: Denotes cases where the Q-scores are extremely high or low, thus should focus on the mean rather than SES/gender equity (these will not be calculated); or instances where the number of boys/girls or low/high SES students is too small for reliable equity estimation.

	Mean	Ach Ad-vantage		SES Equity		Gender Equity	
<b>Mathematics</b>							
<i>Orderly Lessons</i>	W3	?	✓✓✓	H	✓✓	L	S1
<i>Clear Instruction</i>	S2	✓✓✓✓✓	S2	✓✓✓✓✓ H	W2	??	H S3
<i>Enjoy Math Learning</i>	S1	✓✓✓✓✓	S1	✓✓✓✓✓ H		✓✓	L
<i>Confident In Math</i>		✓✓✓		✓✓ H		✓✓	L W3
<b>Science</b>							
<i>Clear Sci Instruction</i>	W2	?	✓		✓✓	H	✓✓ G
<i>Enjoy Sci Learning</i>		✓✓		✓ H	S2	✓✓✓✓	✓✓✓✓
<i>Confident In Sci</i>	W1	??	W1	?? H		✓✓	L S2
<i>Value Env Protection</i>		✓		✓✓ H		✓✓	L
<i>Orderly Sci Lessons</i>		✓		✓✓✓ H		✓✓	L
<b>School Atmosphere</b>							
<i>School Belonging</i>		✓✓✓		✓ S1	✓✓✓✓✓		✓✓✓✓
<i>No Bullying</i>		✓✓✓		✓✓ H S3	✓✓✓✓		✓✓✓✓
<b>Student Background</b>							
<i>Digital Self-Eff</i>		✓✓✓✓		✓✓✓✓		✓✓✓✓	W1 ?? B
<i>Home Learning Res</i>		✓✓✓✓	S3	✓✓✓✓ H			✓✓ B
<b>Parent</b>							
<i>Parents' Edu Level</i>		✓✓✓✓		✓✓✓✓ L	???	H	✓ G
<i>Parents' Job</i>		✓✓✓✓✓		✓✓✓✓✓ H	???	H	✓✓ B
<i>Early Literacy Activities</i>		✓✓✓	W2	?? L	W1	???	H
<i>Early Numeracy Activities</i>		✓✓		✓		✓✓	H

	Mean	Ach Ad-vantage	SES Equity	Gender Equity
<i>Early Literacy/Numeracy Tasks</i>	✓✓✓	W3 ? L	✓ H	✓✓ G
<i>Parent Views on Education</i>	✓✓✓✓	✓✓✓✓	W3 ?? H	✓✓ B
<b>Cognitive Achievement</b>				
<i>Math Ach</i>	✓	#	???	✓✓✓✓✓
<i>Sci Ach</i>	?	#	???	✓✓✓✓✓

### III. Summary Table (Scales & Items)

- (1) This comprehensive table summarizes all scales and items of your school.
- (2) Your school is compared to all other schools in Hong Kong with results reported in 8 grades: 1 (lowest, **???**) and 8 (highest, **✓✓✓✓✓**). Schools performing well in numerous scales will have more **✓** than **?**.
- (3) For Achievement Advantage, we indicate which group has the higher Q-score: L = low Achievers; H = high achievers. For SES equity, we indicate the higher Q-score group: L = low SES students; H = high SES students. For gender equity, the higher Q-score group is indicated by: G = girls; B = boys.
- (4) Regardless of the overall number of **✓** or **?**, each school will have certain scales that are the strongest and weakest. We will highlight (i) the top 3 strongest (S1-S3, with S1 being the strongest) and bottom 3 weakest (W1-W3, with W1 being the weakest) scales based on mean Q-scores; (ii) the 3 best and 3 worst scales in terms of SES equity (S1-S3, W1-W3; smallest to largest Q-score differences, respectively); and (iii) the 3 best and 3 worst scales in gender equity (S1-S, W1-W3; smallest to largest Q-score differences, respectively). This within-school comparison is only available for scores.
- (5) #: Denotes cases where the Q-scores are extremely high or low, thus should focus on the mean rather than SES/gender equity (these will not be calculated); or instances where the number of boys/girls or low/high SES students is too small for reliable equity estimation.

		Mean	Ach Ad-vantage	SES Equity	Gender Equity	
<b>Mathematics</b>						
<b>Orderly Lessons</b>	W3	?	✓✓✓ H	✓✓ L	S1	✓✓✓✓✓
<i>Attentive Students</i>		?	✓✓✓ H	✓✓✓✓✓		✓✓ G
<i>Quiet Class</i>		?	✓✓✓ H	✓✓✓✓✓		✓✓ G
<i>Quick To Settle</i>		?	✓✓✓ H	✓ L		✓✓✓✓✓
<i>Respectful Students</i>		?	✓✓✓ H	✓✓ L		✓✓✓✓
<i>Follow Rules</i>	??	?? H	✓✓ L			✓✓✓✓✓
<i>Positive Behavior</i>		?	✓✓✓ H	✓✓✓✓✓		✓✓✓✓
<b>Clear Instruction</b>	S2	✓✓✓✓✓	S2 ✓✓✓✓ H	W2 ?? H	S3	✓✓✓✓✓
<i>Clear Teaching</i>		✓✓✓✓✓	✓✓✓✓✓ H	✓ H		✓✓ G
<i>Easy To Understand</i>		✓✓✓✓	✓✓✓✓ H	?? H		✓✓ G
<i>Clear Answers</i>		✓✓✓✓	✓✓✓✓	?? H		✓✓ B
<i>Good Explaining</i>		✓✓✓✓	✓✓✓✓ H	✓✓ H		✓✓✓✓
<i>Varied Teaching</i>		✓✓✓✓	✓✓✓✓ H	?? H		?? G
<i>Explains Again</i>		✓✓✓✓✓	✓✓✓✓✓ H	✓ H		✓✓✓✓
<i>Feedback Given</i>		✓✓✓✓	✓✓✓✓ H	✓ H		✓✓✓✓✓
<b>Enjoy Math Learning</b>	S1	✓✓✓✓✓	S1 ✓✓✓✓ H	✓✓ L		✓ B
<i>Enjoy Math</i>		✓✓✓✓✓	✓✓✓✓✓ H	✓✓ L		✓✓✓✓✓
<i>Math Is Interesting</i>		✓✓✓✓✓	✓✓✓✓✓ H	✓✓✓✓		?? B
<i>Like Math</i>		✓✓✓✓✓	✓✓✓✓✓ H	✓✓✓✓		✓✓ B
<i>Like Numbers</i>		✓✓✓✓✓	✓✓✓✓✓ H	✓✓✓✓		✓✓ B
<i>Like Math Problems</i>		✓✓✓✓✓	✓✓✓✓✓ H	✓✓✓✓✓		?? B
<i>Look Forward Math</i>		✓✓✓✓✓	✓✓✓✓✓ H	✓✓ L		?? B
<i>Favorite Subject</i>		✓✓✓✓	✓✓✓✓ H	?? L		?? B
<i>Confident In Math</i>		✓✓✓	✓✓ H	✓✓ L	W3	?? B

	Mean	Ach Ad- vantage	SES Equity	Gender Equity	
<i>Do Well In Math</i>	✓✓	?	✓✓✓✓✓	??	B
<i>Math Not Harder</i>	?	✓✓✓ H	✓ L	✓✓✓✓	
<i>Good At Math</i>	?	✓✓ H	✓ L	✓✓✓✓	
<i>Math Is Easy</i>	✓✓✓	?	✓✓✓✓	???	B
<i>Solve Problems Well</i>	✓✓✓✓✓	✓✓✓✓✓ H	✓✓ L	???	B
<i>Math Is Not Harder</i>	✓	✓✓✓ H	✓✓✓✓	✓✓	G
<i>Not Confusing</i>	✓✓	✓✓ H	✓✓✓✓	✓	G
<b>Science</b>					
<b>Clear Sci Instruction</b>	W2	?	✓	✓✓ H	✓✓ G
<i>Clear Teaching</i>	??	??	✓✓	✓✓✓✓	
<i>Easy To Understand</i>	?	✓	✓✓	✓✓✓✓	
<i>Clear Answers</i>	??	??	✓✓✓✓✓	✓✓	G
<i>Good Explaining</i>	?	✓	✓✓	✓✓✓✓	
<i>Varied Teaching</i>	?	✓	✓✓	✓✓	G
<i>Explains Again</i>	?	✓✓ H	✓✓✓✓✓	✓✓	G
<i>Feedback Given</i>	?	✓	✓✓✓✓	✓✓✓✓	
<b>Enjoy Sci Learning</b>		✓✓	✓ H S2	✓✓✓✓	✓✓✓✓
<i>Enjoy Sci</i>	✓✓	✓ H	✓✓✓✓	✓✓	B
<i>Sci Is Interesting</i>	✓	✓✓ H	✓✓ H	✓✓✓✓✓	
<i>Like Sci</i>	✓✓	✓	✓✓✓✓✓	✓✓	B
<i>Look Forward To Sci</i>	✓✓✓	✓✓ H	✓✓✓✓	✓✓	B
<i>Understand How</i>	✓	✓ H	✓✓ H	✓✓✓✓✓	
<i>Favorite Subject</i>	✓	✓	✓✓✓✓	✓✓✓✓✓	
<b>Confident In Sci</b>	W1	?? W1	?? H	✓✓ L S2	✓✓✓✓✓
<i>Do Well In Sci</i>	?	✓	✓✓✓✓✓	✓✓	B
<i>Sci Harder For Me</i>	???	???	?? H	?? L	✓✓✓✓✓
<i>Not Good At Science</i>	??	?? H	✓ L	✓✓✓✓	
<i>Science Easy</i>	?	✓✓ H	✓✓✓✓	✓✓✓✓	
<i>Science Is Not Harder</i>	??	?? H	✓✓✓✓	✓✓	G
<i>Sci Is Not Confusing</i>	?	✓✓✓ H	?? L	✓✓✓✓	
<b>Value Env Protection</b>		✓	✓✓ H	✓✓ L	✓✓✓✓
<i>Protect Pla/Ani</i>	???	???	?? H	✓✓ L	✓✓✓✓✓
<i>Sad Nature Loss</i>	✓✓✓	✓✓✓ H	✓ L	??	G
<i>Learn About Nature</i>	✓✓✓	✓✓✓ H	✓✓ L	✓✓✓✓	
<i>Enjoy Nature</i>	✓✓✓	✓✓✓ H	✓ L	✓✓✓✓	
<i>Climate Change</i>	?	✓	✓✓✓✓✓	✓✓	B
<b>Orderly Sci Lessons</b>		✓	✓✓✓ H	✓✓ L	✓ B
<i>Attentive Students</i>	?	✓✓✓ H	✓✓ L	✓✓✓✓	
<i>Quiet Class</i>	✓	✓✓✓ H	?? L	✓✓✓✓	
<i>Quick To Settle</i>	?	✓✓ H	✓ L	✓✓	B
<i>Respectful Students</i>	✓	✓✓✓ H	?? L	✓✓✓✓	
<i>Follow Rules</i>	?	✓✓ H	✓✓ L	??	B
<i>Positive Behavior</i>	?	✓✓✓ H	✓✓✓✓✓	✓✓	B
<b>School Atmosphere</b>					
<b>School Belonging</b>		✓✓✓	✓ S1	✓✓✓✓✓	✓✓✓✓
<i>In School</i>	✓✓	?? L	✓✓✓ H	✓✓	G

	Mean	Ach Ad- vantage	SES Equity	Gender Equity	
<i>Safe at School</i>	?	✓✓✓ H	✓✓ L	?? G	
<i>Belong at School</i>	?	? L	✓✓ H	✓✓✓✓	
<i>Teachers Care</i>	✓	✓✓ H	✓✓✓✓	✓✓✓ G	
<i>Proud of School</i>	✓✓✓	✓✓ H	✓ L	✓✓✓✓	
<i>Respectful Students</i>	✓	✓✓ H	✓✓ H	✓✓ G	
<i>Like School</i>	✓	✓✓✓ H	✓✓✓✓	✓✓✓✓	
<b>No Bullying</b>	✓✓✓	✓✓ H	S3	✓✓✓✓	✓✓✓✓
<i>No Teased</i>	✓✓✓✓	✓✓✓✓ H	✓✓✓✓	✓✓✓✓✓	
<i>No Excluded From Games</i>	✓✓	✓✓ H	✓✓ L	✓✓ G	
<i>No Spread Lies</i>	✓✓✓	✓✓ H	✓✓✓✓	✓✓ G	
<i>No Stolen From Me</i>	✓	✓✓✓ H	✓✓✓✓	✓✓ G	
<i>No Damaged</i>	✓✓	✓✓✓ H	✓✓✓✓✓	✓✓ G	
<i>No Hurt By Others</i>	✓	✓✓ H	✓✓✓✓	✓✓ G	
<i>No Forced To Do</i>	✓✓✓	✓✓✓ H	✓✓✓✓✓	✓✓✓✓✓	
<i>No Hurtful Messages</i>	?	✓✓ H	✓✓✓✓	✓✓✓✓	
<i>No Shared Online</i>	✓	✓✓ H	✓✓✓✓	✓✓ G	
<i>No Shared Photos</i>	?	✓✓ H	✓✓✓✓	✓✓✓ G	
<i>No Threatened</i>	?	✓ H	✓✓ L	✓✓ G	
<b>Student Background</b>					
<b>Digital Self-Eff</b>	✓✓✓✓	✓✓✓✓	✓✓✓✓	W1	?? B
<i>Write on Computer</i>	✓✓	✓✓	✓ H	✓	B
<i>Create Presentations</i>	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓	B
<i>Create Graphs</i>	✓✓✓✓	✓✓✓✓	✓✓ H	✓✓✓✓✓	
<i>Find Info Online</i>	✓✓✓	✓ H	✓✓✓✓	✓	B
<i>Assess Website Trust</i>	✓✓✓✓	✓✓✓✓	✓✓ L	???	B
<i>New On Computer</i>	✓✓	✓	✓✓✓✓	✓	B
<i>Help Others</i>	✓✓✓✓	✓✓✓✓ H	✓✓✓✓✓	???	B
<b>Home Learning Res</b>	✓✓✓✓	S3	✓✓✓✓ H	✓✓	B
<i>Books At Home</i>	✓✓✓✓	✓✓✓✓ L	???	H	✓✓✓✓
<i>Own Computer</i>	✓✓✓	✓✓	✓✓✓✓✓	??	B
<i>Shared Computer</i>	✓✓✓✓	✓✓✓✓ H	✓✓ H	✓	G
<i>Smart Phone</i>	??	?? L	✓✓✓✓✓	??	B
<i>Internet Access</i>	✓✓✓	✓ H	???	H	✓✓ B
<i>Study Desk</i>	✓	✓ L	✓✓✓ H	✓✓	B
<i>Own Room</i>	✓✓✓	✓✓	✓✓✓ H	✓✓	B
<i>Local Born</i>	✓✓✓✓	✓✓✓✓ H	✓✓ L	✓✓ G	
<i>No Hunger</i>	✓✓✓✓	✓✓✓✓ H	?? L	?? G	
<b>Parent</b>					
<b>Parents' Edu Level</b>	✓✓✓✓	✓✓✓✓ L	???	H	✓ G
<b>Parents' Job</b>	✓✓✓✓✓	✓✓✓✓✓ H	???	H	✓✓ B
<b>Early Literacy Activities</b>	✓✓✓	W2 ? L	W1	???	H
<i>Read Books</i>	✓✓	?	L	???	H
<i>Tell Stories</i>	✓✓✓	?	L	???	H
<i>Play Alphabet</i>	✓✓✓✓	✓✓✓✓ L	✓✓✓ H	?? B	

	Mean	Ach Ad-vantage	SES Equity	Gender Equity
<i>Talk About Activities</i>	✓	✓	✓✓ H	✓✓ G
<i>Book Discussions</i>	?	✓	✓✓ H	✓✓✓✓
<i>Word Games</i>	✓✓✓	✓✓	?? H	?? B
<i>Write Words</i>	✓	✓	✓✓✓✓✓	✓✓ B
<i>Read Signs</i>	✓	✓✓ H	✓ L	✓✓✓✓✓
<b>Early Numeracy Activities</b>	✓✓	✓	✓✓ H	✓✓✓✓
<i>Counting Songs</i>	?	✓	✓✓ H	✓✓ G
<i>Number Toys</i>	✓✓✓	✓	?? H	✓✓ B
<i>Count Things</i>	✓✓✓	✓	?? H	✓✓✓✓
<i>Shapes Games</i>	✓	✓	✓✓ H	✓ B
<i>Building Blocks</i>	✓	✓✓ H	✓✓✓ H	✓✓ B
<i>Write Numbers</i>	✓✓✓	✓✓ H	✓✓✓✓	✓✓✓✓
<i>Draw Shapes</i>	?	✓	✓✓✓✓	✓✓✓✓
<i>Measure/Weigh</i>	?	✓✓	✓✓✓✓	✓ G
<b>Early Literacy/Numeracy Tasks</b>	✓✓✓ W3	? L	✓ H	✓✓ G
<i>Recognize Letters</i>	✓✓✓	✓	✓✓ H	✓✓✓✓✓
<i>Read Words</i>	✓✓	✓ H	?? H	✓ B
<i>Read Sentences</i>	✓✓✓	?	?? H	✓✓✓✓✓
<i>Read Story</i>	✓✓✓	✓ H	?? H	✓✓✓✓
<i>Write Letters</i>	✓✓✓	✓ H	✓✓✓✓	✓✓✓✓✓
<i>Write Words</i>	✓✓✓	✓ H	✓✓✓✓	✓ G
<i>Count Independently</i>	✓✓✓	? L	✓✓ H	?? G
<i>Recognize Numerals</i>	✓	? L	✓✓ H	?? G
<i>Write Numbers</i>	✓	? L	✓✓✓✓	?? G
<i>Simple Addition</i>	✓✓✓	✓	✓✓ L	✓✓ G
<i>Simple Subtraction</i>	✓✓✓	✓ H	?? L	✓✓✓✓✓
<b>Parent Views on Education</b>	✓✓✓✓	✓✓✓✓ W3	?? H	✓✓ B
<i>Involved in Education</i>	✓✓✓✓	✓✓✓✓ H	?? H	✓✓✓✓
<i>Cares About Child's Progress</i>	✓✓✓✓	✓✓✓✓	?? H	?? B
<i>Keeping Informed</i>	✓✓✓	✓✓ H	✓✓ H	✓✓✓✓✓
<i>Promote High Standards</i>	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓	✓✓✓✓
<i>Help With Reading</i>	✓	? L	?? H	✓✓ G
<i>Help With Math</i>	✓✓✓✓	✓✓✓✓ H	✓✓✓✓✓	✓✓✓✓✓
<i>Help With Science</i>	✓✓✓✓✓	✓✓✓✓✓	?? H	✓✓ B
<i>Attended Preprimary Education</i>	✓✓✓✓	✓✓✓✓ L	?? H W2	?? B
<b>Cognitive Achievement</b>				
<b>Math Ach</b>	✓	#	?? H	✓✓✓✓✓
<b>Sci Ach</b>	?	#	?? H	✓✓✓✓✓

## **IV. Results: Mathematics**

## No Disorderly Behavior during Math Lessons (Orderly Lessons)

**Domains:** Mathematics

**Construct:** No Disorderly Behavior during Math Lessons

**Type:** Scale

**Descriptions:** This scale assesses the level of disruptive behavior during mathematics lessons. A higher Q-score/P-score indicates that students in your school experience LOWER levels of disorderly behavior during mathematics lessons compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

Students don't listen to what the teacher says

There is disruptive noise

My teacher has to wait a long time for students to quiet down

Students interrupt the teacher

Students do not follow the classroom rules

Other students' behavior makes it hard for me to concentrate

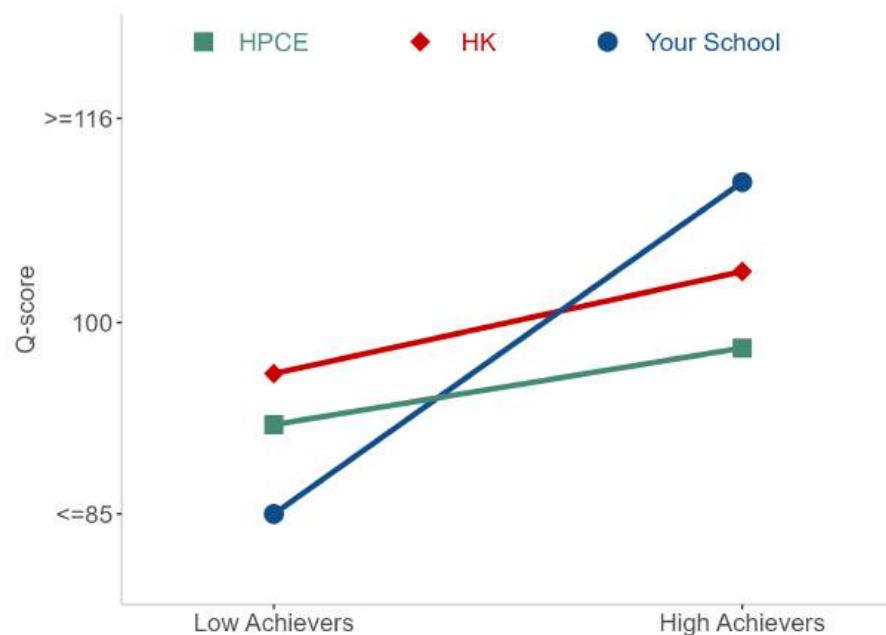
For further details on the aforementioned items, please refer to the subsequent sections.

### Overall Performance

- Your school has Q-score 95 , P-score 36.9 .
- In HPCE, the median school Q-score is 95 , while the P-score is 36.9 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Orderly Lessons)

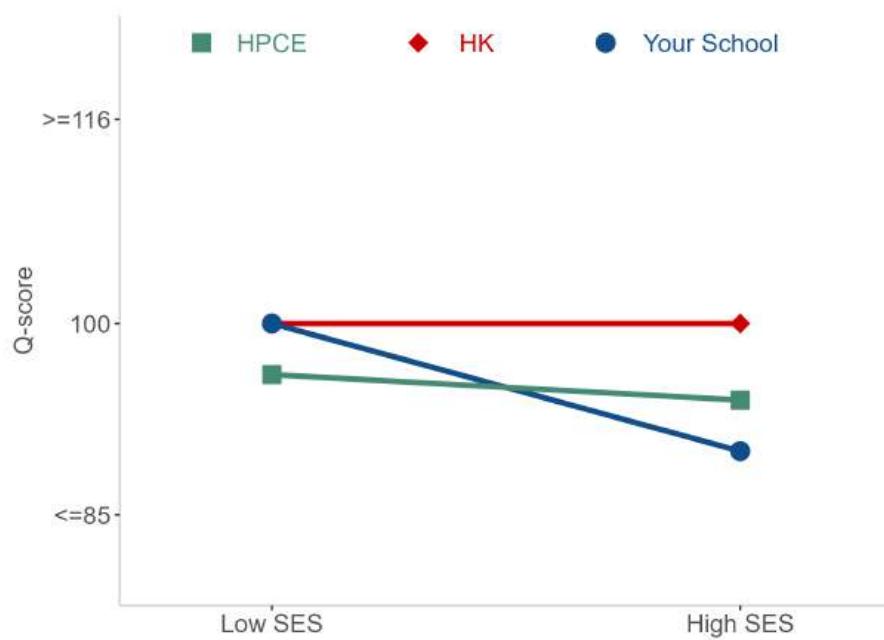
- In your school, high achievers (  $Q = 111$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 96$  ).
- In HPCE, high achievers (  $Q = 98$  ) SIMILAR TO low achievers (  $Q = 92$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	92	98
HK	96	104
Your School	85	111

## Difference between Low/High SES (Orderly Lessons)

- In your school, high SES ( Q = 90 ) LOWER THAN low SES ( Q = 100 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Good, improve high SES students.
- Recommendation (cf. HPCE): Good, improve high SES students.



	Low SES	High SES
HPCE	96	94
HK	100	100
Your School	100	90

### Difference between Boys/Girls (Orderly Lessons)

- In your school, boys ( Q = 95 ) SIMILAR TO girls ( Q = 95 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 94 ) SIMILAR TO girls ( Q = 96 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	96	94
HK	102	98
Your School	95	95

## No Student Not Listen (Attentive Students)

**Domains:** Mathmatics

**Construct:** No Disorderly Behavior during Math Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of student attentiveness in mathematics class. A higher Q-score/P-score indicates that students in your school perceive HIGHER student attentiveness in mathematics class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your mathematics lessons?*

*Students don't listen to what the teacher says*

### Item Distribution of Your Students (%)

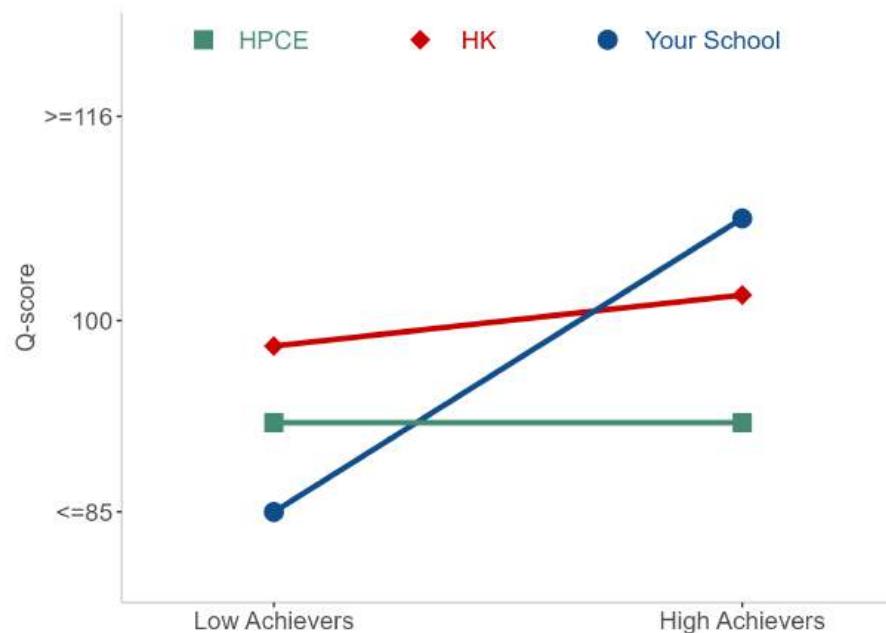
Options	Percentage
Every or almost every lesson	24.07
About half the lessons	16.67
Some lessons	31.48
Never	27.78

### Overall Performance

- Your school has Q-score 95 , P-score 36.9 .
- In HPCE, the median school Q-score is 92 , while the P-score is 29.7 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Attentive Students)

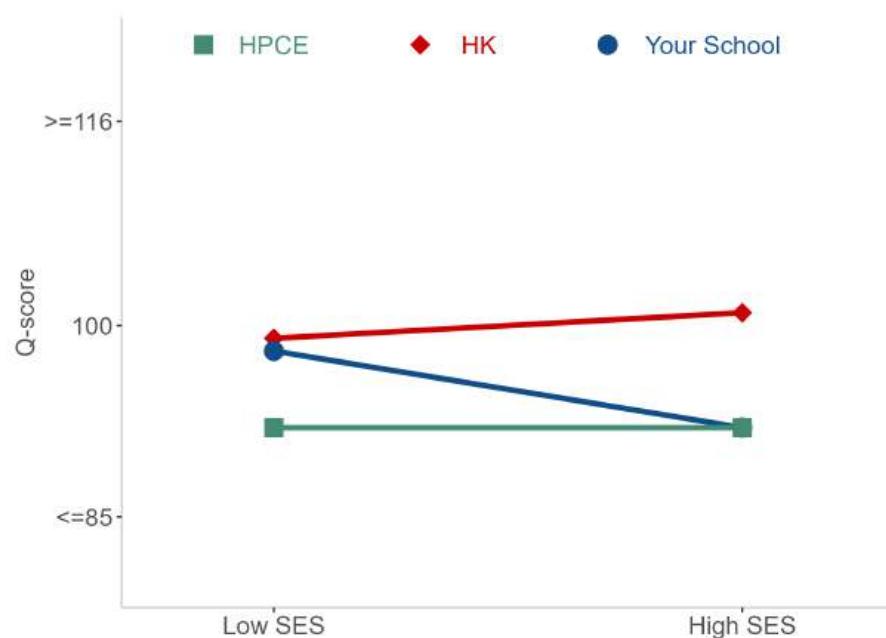
- In your school, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 102$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- In HPCE, high achievers (  $Q = 92$  ) SIMILAR TO low achievers (  $Q = 92$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	92	92
HK	98	102
Your School	85	108

### Difference between Low/High SES (Attentive Students)

- In your school, high SES ( Q = 92 ) SIMILAR TO low SES ( Q = 98 ).
- In HK, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 92 ) SIMILAR TO low SES ( Q = 92 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	92	92
HK	99	101
Your School	98	92

### Difference between Boys/Girls (Attentive Students)

- In your school, boys ( Q = 89 ) LOWER THAN girls ( Q = 101 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 104 ).
- In HPCE, boys ( Q = 92 ) SIMILAR TO girls ( Q = 92 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	92	92
HK	104	96
Your School	101	89

## No Too Much Noise (Quiet Class)

**Domains:** Mathematics

**Construct:** No Disorderly Behavior during Math Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of classroom noise in mathematics class. A higher Q-score/P-score indicates that students in your school perceive LOWER levels of disruptive noise in mathematics class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your mathematics lessons?*

*There is disruptive noise*

### Item Distribution of Your Students (%)

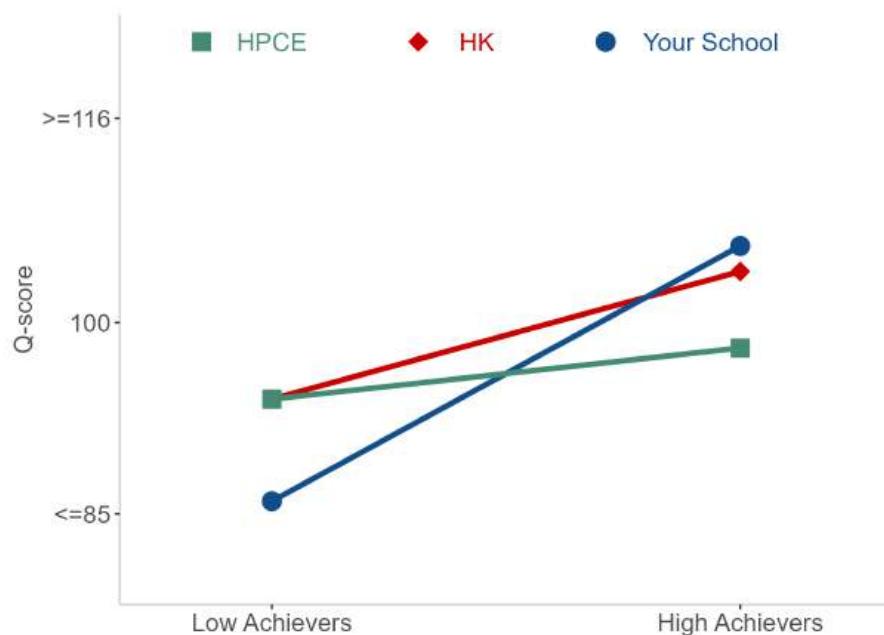
Options	Percentage
Every or almost every lesson	24.53
About half the lessons	24.53
Some lessons	24.53
Never	26.42

### Overall Performance

- Your school has Q-score 96 , P-score 39.5 .
- In HPCE, the median school Q-score is 96 , while the P-score is 39.5 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Quiet Class)

- In your school, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HK, high achievers (  $Q = 104$  ) SIMILAR TO low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 98$  ) SIMILAR TO low achievers (  $Q = 94$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	94	98
HK	94	104
Your School	86	106

## Difference between Low/High SES (Quiet Class)

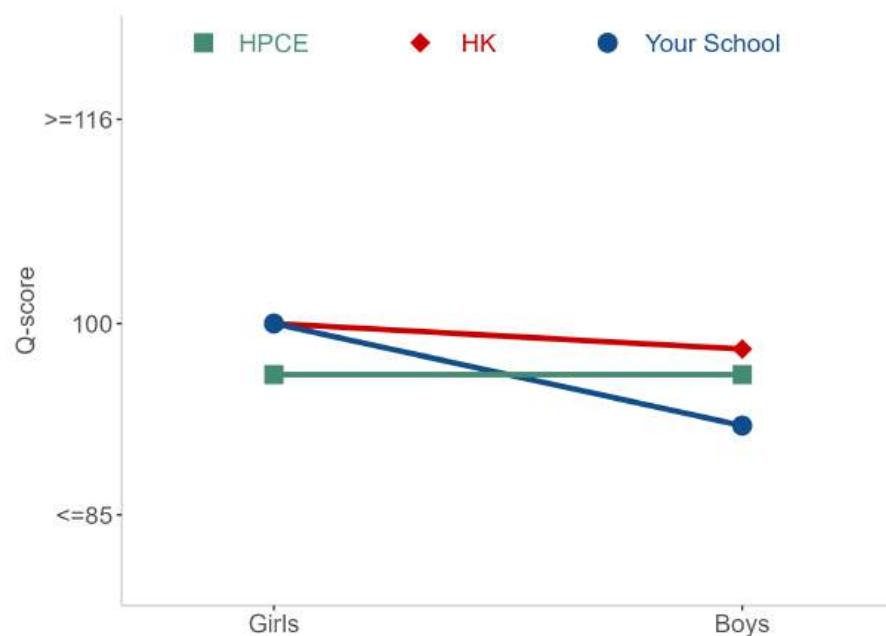
- In your school, high SES ( Q = 95 ) SIMILAR TO low SES ( Q = 97 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	96	96
HK	96	102
Your School	97	95

## Difference between Boys/Girls (Quiet Class)

- In your school, boys ( Q = 92 ) LOWER THAN girls ( Q = 100 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 96 ) SIMILAR TO girls ( Q = 96 ).
- Recommendation (cf. HK): Good, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	96	96
HK	100	98
Your School	100	92

## No Wait Long Time To Quiet (Quick To Settle)

**Domains:** Mathematics

**Construct:** No Disorderly Behavior during Math Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of classroom management challenges in mathematics class. A higher Q-score/P-score indicates that students in your school perceive FEWER classroom management challenges in mathematics class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your mathematics lessons?*

*My teacher has to wait a long time for students to quiet down*

### Item Distribution of Your Students (%)

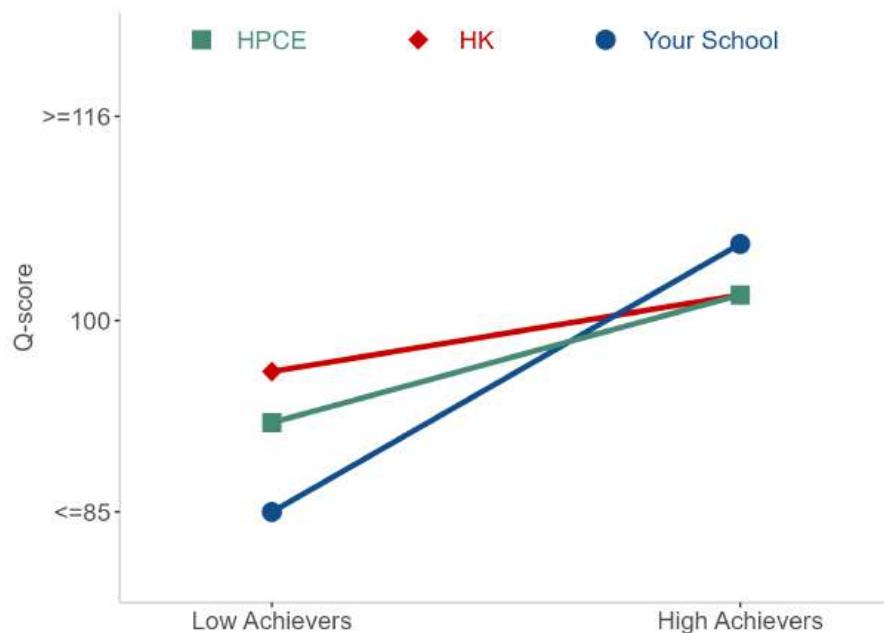
Options	Percentage
Every or almost every lesson	29.63
About half the lessons	18.52
Some lessons	24.07
Never	27.78

### Overall Performance

- Your school has Q-score 92 , P-score 29.7 .
- In HPCE, the median school Q-score is 97 , while the P-score is 42.1 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Quick To Settle)

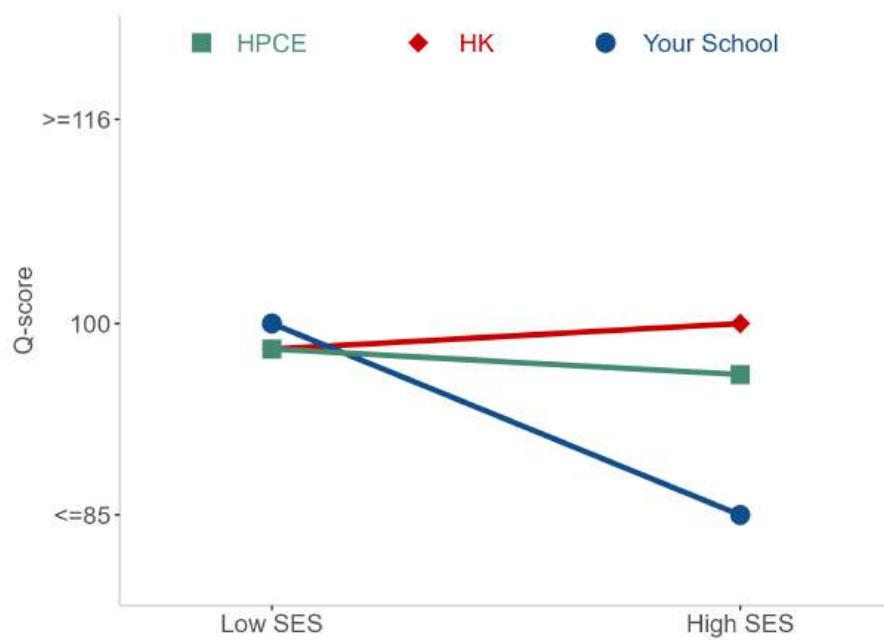
- In your school, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 102$  ) SIMILAR TO low achievers (  $Q = 96$  ).
- In HPCE, high achievers (  $Q = 102$  ) SIMILAR TO low achievers (  $Q = 92$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	92	102
HK	96	102
Your School	85	106

## Difference between Low/High SES (Quick To Settle)

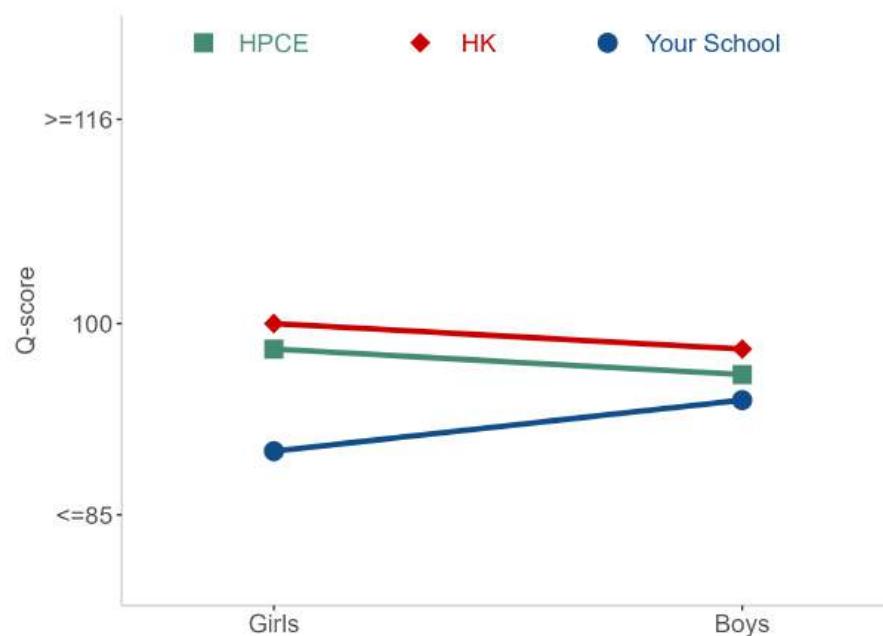
- In your school, high SES ( Q = 85 ) LOWER THAN low SES ( Q = 100 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 98 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	98	96
HK	98	100
Your School	100	85

## Difference between Boys/Girls (Quick To Settle)

- In your school, boys ( Q = 94 ) SIMILAR TO girls ( Q = 90 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 96 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	98	96
HK	100	98
Your School	90	94

## No Students Interrupt Tch (Respectful Students)

**Domains:** Mathematics

**Construct:** No Disorderly Behavior during Math Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of student behavior disruptions in mathematics class. A higher Q-score/P-score indicates that students in your school perceive LOWER levels of student behavior disruptions in mathematics class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your mathematics lessons?*

*Students interrupt the teacher*

### Item Distribution of Your Students (%)

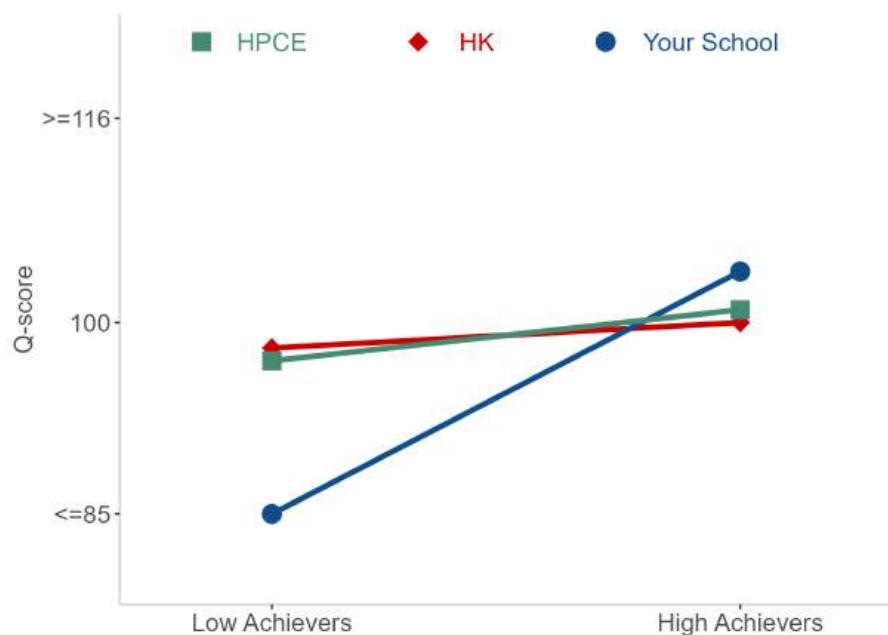
Options	Percentage
Every or almost every lesson	25.93
About half the lessons	18.52
Some lessons	31.48
Never	24.07

### Overall Performance

- Your school has Q-score 92 , P-score 29.7 .
- In HPCE, the median school Q-score is 99 , while the P-score is 47.3 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Respectful Students)

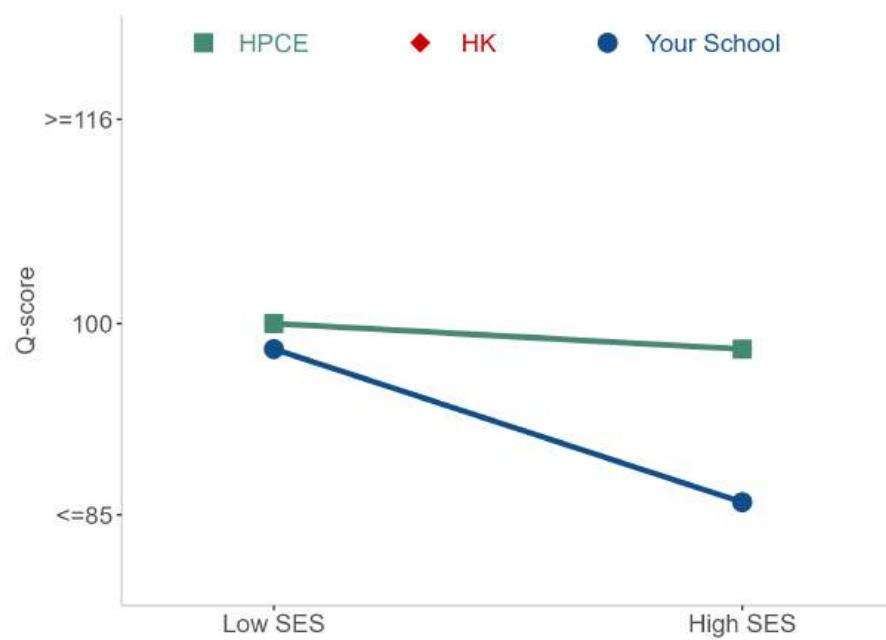
- In your school, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- In HPCE, high achievers (  $Q = 101$  ) SIMILAR TO low achievers (  $Q = 97$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	97	101
HK	98	100
Your School	85	104

## Difference between Low/High SES (Respectful Students)

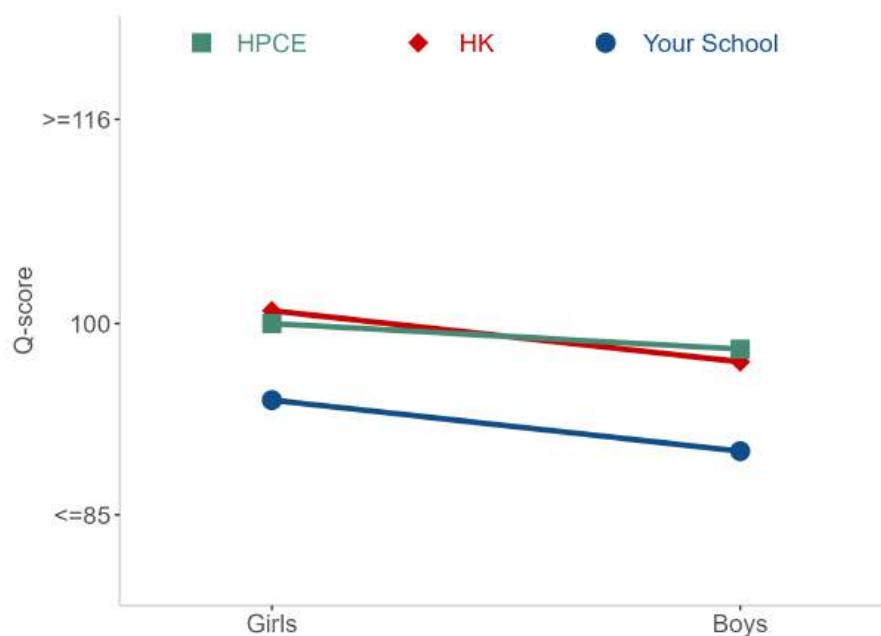
- In your school, high SES ( Q = 86 ) LOWER THAN low SES ( Q = 98 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	100	98
HK	100	98
Your School	98	86

## Difference between Boys/Girls (Respectful Students)

- In your school, boys ( Q = 90 ) SIMILAR TO girls ( Q = 94 ).
- In HK, boys ( Q = 97 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	100	98
HK	101	97
Your School	94	90

## No Stds Do Not Follow Rules (Follow Rules)

**Domains:** Mathematics

**Construct:** No Disorderly Behavior during Math Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of student adherence to classroom rules in mathematics class. A higher Q-score/P-score indicates that students in your school perceive HIGHER adherence to classroom rules in mathematics class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your mathematics lessons?*

*Students do not follow the classroom rules*

### Item Distribution of Your Students (%)

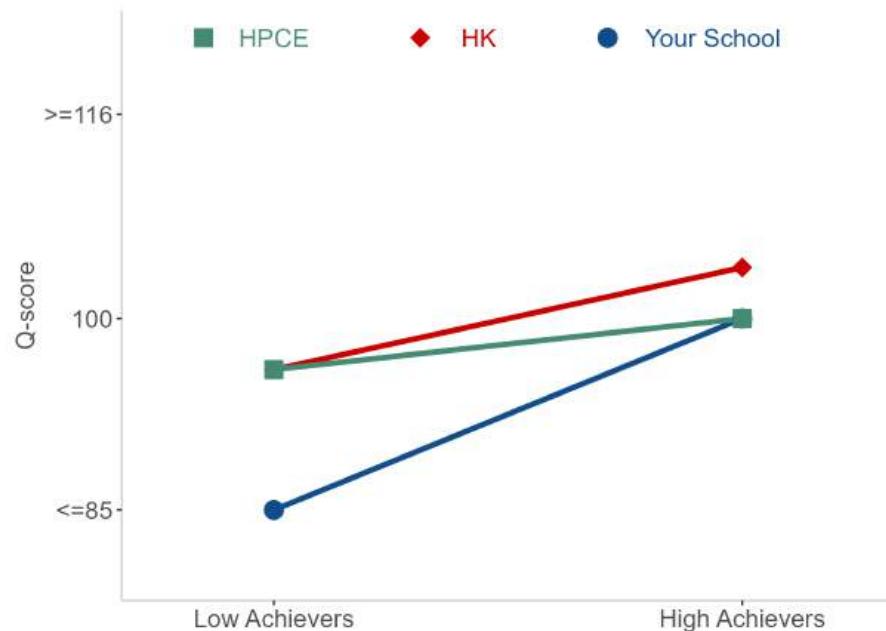
Options	Percentage
Every or almost every lesson	33.96
About half the lessons	20.75
Some lessons	24.53
Never	20.75

### Overall Performance

- Your school has Q-score 87 , P-score 19.3 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Slightly weak, IMPROVE SUBSTANTIALLY.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Follow Rules)

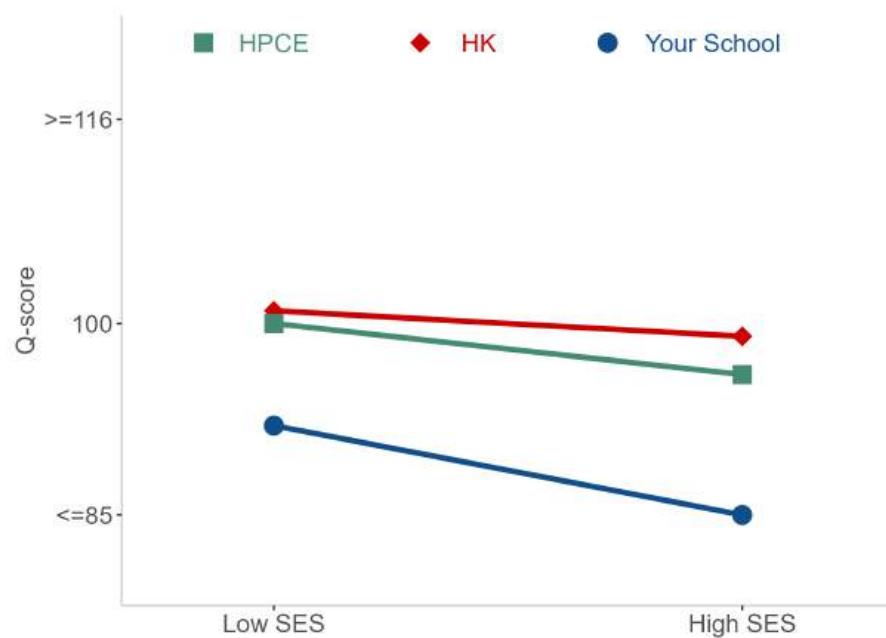
- In your school, high achievers ( Q = 100 ) HIGHER THAN low achievers ( Q = 85 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 96 ).
- In HPCE, high achievers ( Q = 100 ) SIMILAR TO low achievers ( Q = 96 ).
- Recommendation (cf. HK): Slightly weak, improve the whole school
- Recommendation (cf. HPCE): Slightly weak, improve the whole school



	Low Achievers	High Achievers
HPCE	96	100
HK	96	104
Your School	85	100

## Difference between Low/High SES (Follow Rules)

- In your school, high SES ( Q = 85 ) LOWER THAN low SES ( Q = 92 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 101 ).
- In HPCE, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 100 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	100	96
HK	101	99
Your School	85	82

### Difference between Boys/Girls (Follow Rules)

- In your school, boys ( Q = 87 ) SIMILAR TO girls ( Q = 87 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 96 ) SIMILAR TO girls ( Q = 100 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	100	96
HK	101	99
Your School	87	87

## **Other Stds Behavior (Positive Behavior)**

**Domains:** Mathmatics

**Construct:** No Disorderly Behavior during Math Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of the impact of student behavior on their own learning in mathematics class. A higher Q-score/P-score indicates that students in your school perceive a LOWER negative impact of student behavior on their own learning in mathematics class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your mathematics lessons?*

*Other students' behavior makes it hard for me to concentrate*

### **Item Distribution of Your Students (%)**

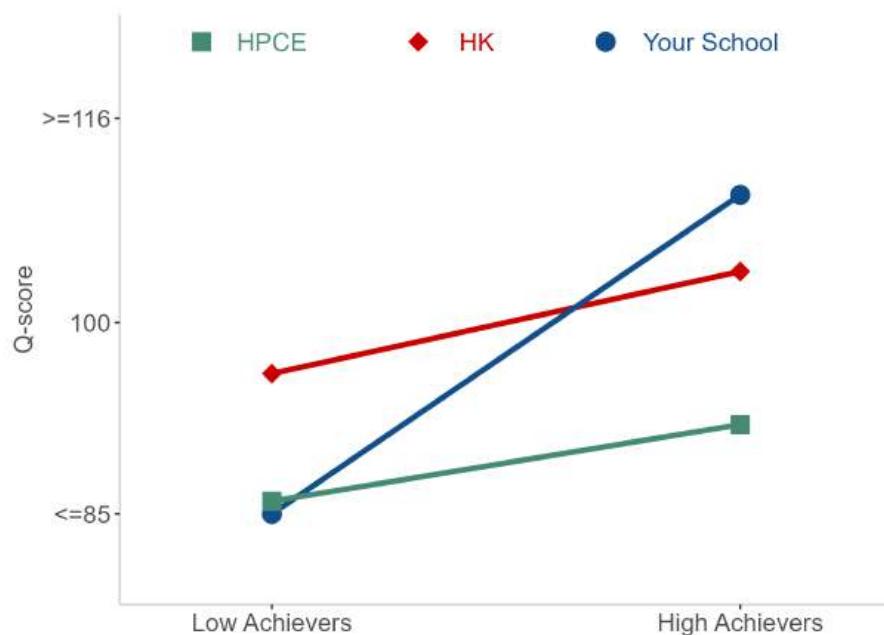
Options	Percentage
Every or almost every lesson	29.63
About half the lessons	18.52
Some lessons	12.96
Never	38.89

### **Overall Performance**

- Your school has Q-score 91 , P-score 27.4 .
- In HPCE, the median school Q-score is 89 , while the P-score is 23.2 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Positive Behavior)

- In your school, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 96$  ).
- In HPCE, high achievers (  $Q = 92$  ) SIMILAR TO low achievers (  $Q = 86$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	86	92
HK	96	104
Your School	85	110

## Difference between Low/High SES (Positive Behavior)

- In your school, high SES ( Q = 90 ) SIMILAR TO low SES ( Q = 92 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 88 ) SIMILAR TO low SES ( Q = 90 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	90	88
HK	100	100
Your School	92	90

## Difference between Boys/Girls (Positive Behavior)

- In your school, boys ( Q = 94 ) SIMILAR TO girls ( Q = 88 ).
- In HK, boys ( Q = 95 ) SIMILAR TO girls ( Q = 105 ).
- In HPCE, boys ( Q = 90 ) SIMILAR TO girls ( Q = 88 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	88	90
HK	105	95
Your School	88	94

## **Instructional Clarity in Mathematics Lessons (Clear Instruction)**

**Domains:** Mathemactics

**Construct:** Instructional Clarity in Mathematics Lessons

**Type:** Scale

**Descriptions:** This scale measures the perceived clarity of instruction in mathematics lessons. A higher Q-score/P-score indicates that students in your school perceive higher levels of instructional clarity in mathematics lessons compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

I know what my teacher expects me to do

My teacher is easy to understand

My teacher has clear answers to my questions

My teacher is good at explaining mathematics

My teacher does a variety of things to help us learn

My teacher explains a topic again when we don't understand

My teacher gives me helpful feedback on my work

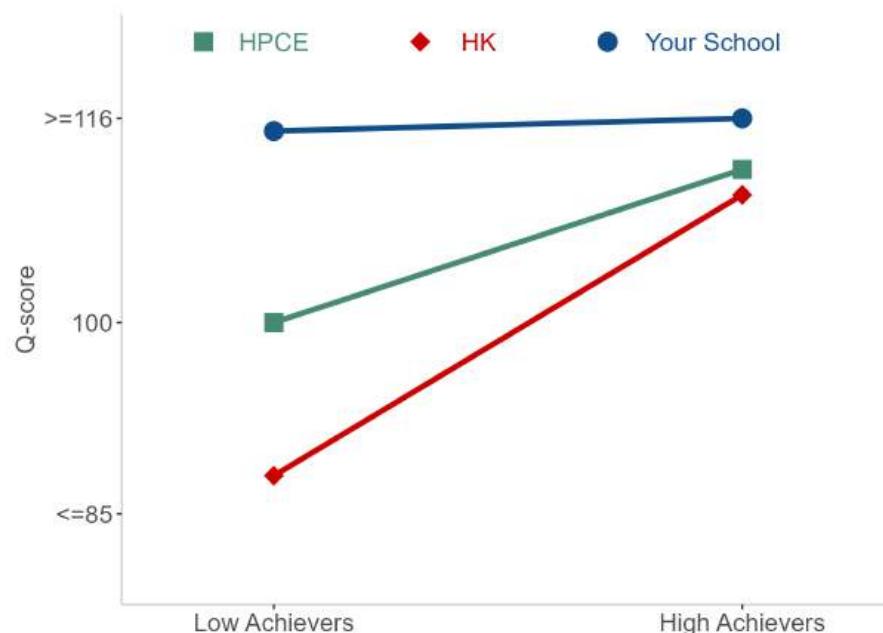
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 106 , while the P-score is 65.5 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Clear Instruction)

- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 115$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HPCE, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 100$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	100	112
HK	88	110
Your School	115	116

### Difference between Low/High SES (Clear Instruction)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 104 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	104	108
HK	98	100
Your School	106	116

### Difference between Boys/Girls (Clear Instruction)

- In your school, boys ( Q = 116 ) SIMILAR TO girls ( Q = 116 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 108 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	108	104
HK	102	96
Your School	116	116

## **Teacher Makes It Clear (Clear Teaching)**

**Domains:** Mathematics

**Construct:** Instructional Clarity in Mathematics Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived clarity of teacher expectations in mathematics. A higher Q-score/P-score indicates that students in your school perceive greater clarity of teacher expectations in mathematics compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your mathematics lessons?*

*I know what my teacher expects me to do*

### **Item Distribution of Your Students (%)**

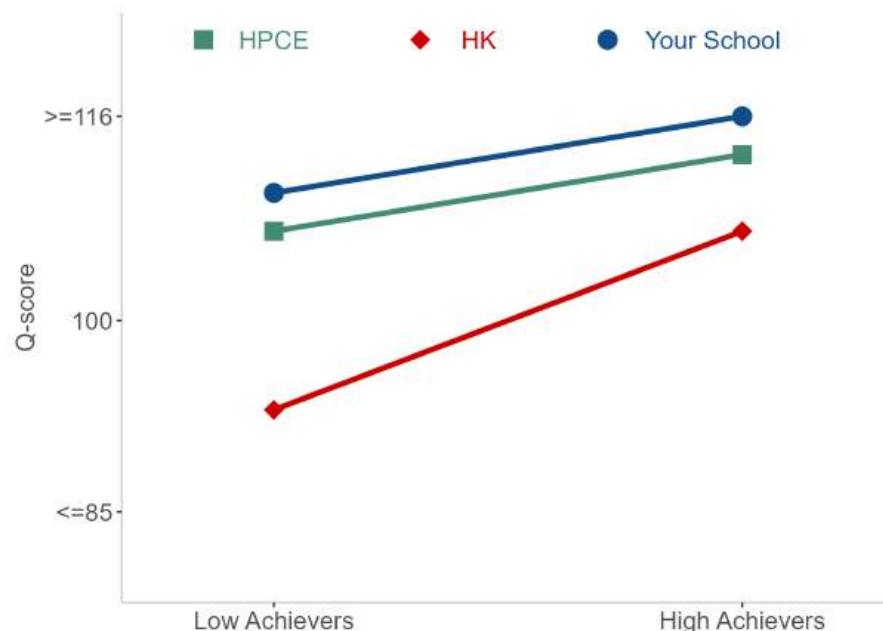
Options	Percentage
Agree a lot	73.58
Agree a little	24.53
Disagree a little	1.89
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 110 , while the P-score is 74.8 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Clear Teaching)

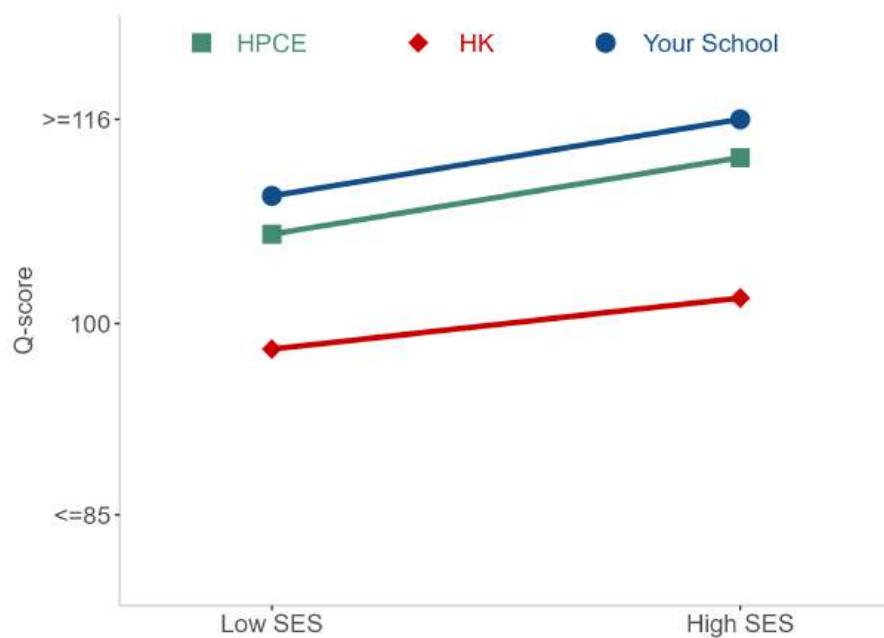
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 110$  ).
- In HK, high achievers (  $Q = 107$  ) HIGHER THAN low achievers (  $Q = 93$  ).
- In HPCE, high achievers (  $Q = 113$  ) SIMILAR TO low achievers (  $Q = 107$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	107	113
HK	93	107
Your School	110	116

## Difference between Low/High SES (Clear Teaching)

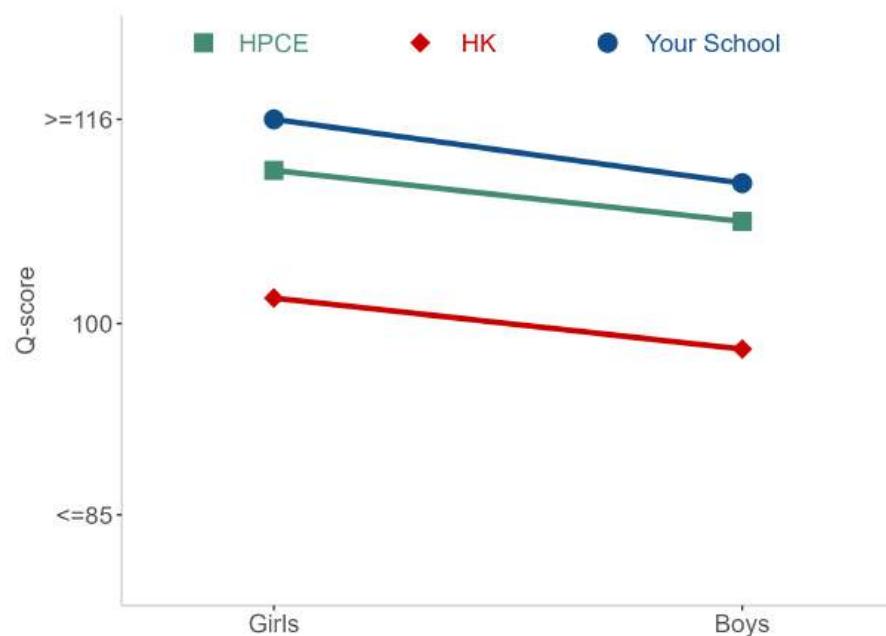
- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 110 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 113 ) SIMILAR TO low SES ( Q = 107 ).
- Recommendation (cf. HK): Slightly weak, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	107	113
HK	98	102
Your School	110	116

## Difference between Boys/Girls (Clear Teaching)

- In your school, boys ( Q = 111 ) LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 108 ) SIMILAR TO girls ( Q = 112 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	112	108
HK	102	98
Your School	116	111

## **Teacher Is Easy To Understand (Easy To Understand)**

**Domains:** Mathmatics

**Construct:** Instructional Clarity in Mathematics Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher clarity in mathematics. A higher Q-score/P-score indicates that students in your school perceive their mathematics teacher as being easier to understand compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your mathematics lessons?*

*My teacher is easy to understand*

### **Item Distribution of Your Students (%)**

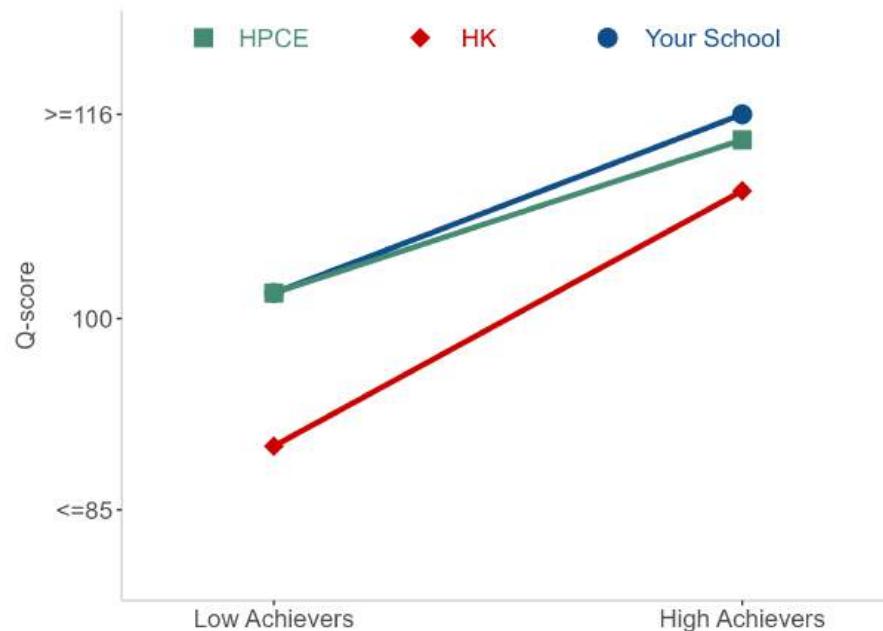
Options	Percentage
Agree a lot	71.70
Agree a little	18.87
Disagree a little	7.55
Disagree a lot	1.89

### **Overall Performance**

- Your school has Q-score 111 , P-score 76.8 .
- In HPCE, the median school Q-score is 108 , while the P-score is 70.3 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Easy To Understand)

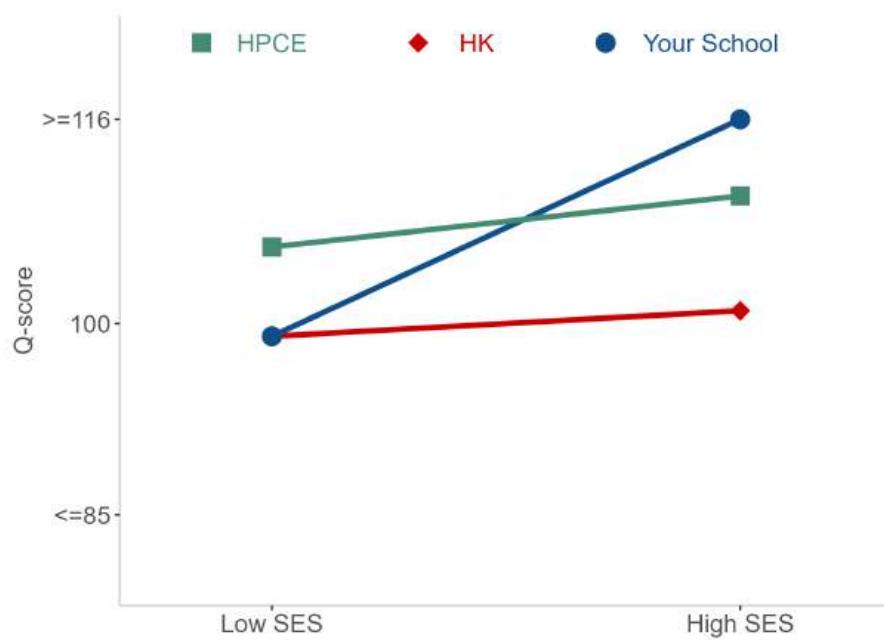
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 102$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- In HPCE, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 102$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	102	114
HK	90	110
Your School	102	116

## Difference between Low/High SES (Easy To Understand)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 99 ).
- In HK, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 110 ) SIMILAR TO low SES ( Q = 106 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	106	110
HK	99	101
Your School	99	116

## Difference between Boys/Girls (Easy To Understand)

- In your school, boys ( Q = 108 ) LOWER THAN girls ( Q = 114 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 108 ) SIMILAR TO girls ( Q = 108 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	108	108
HK	102	98
Your School	114	108

## Teacher Clear Answers (Clear Answers)

**Domains:** Mathematics

**Construct:** Instructional Clarity in Mathematics Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher responsiveness to student questions in mathematics. A higher Q-score/P-score indicates that students in your school perceive their mathematics teacher as providing clearer answers to their questions compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your mathematics lessons?*

*My teacher has clear answers to my questions*

### Item Distribution of Your Students (%)

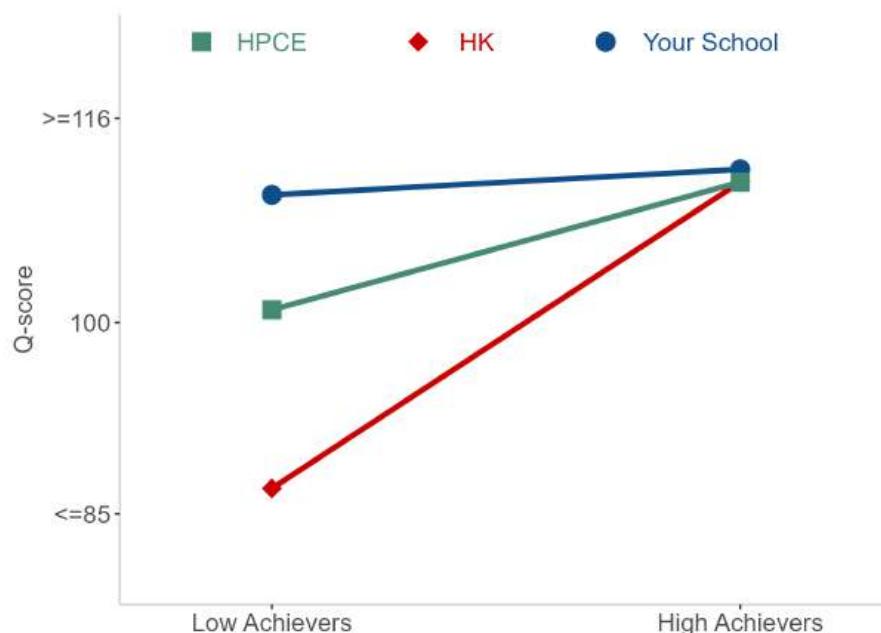
Options	Percentage
Agree a lot	66.04
Agree a little	28.30
Disagree a little	3.77
Disagree a lot	1.89

### Overall Performance

- Your school has Q-score 111 , P-score 76.8 .
- In HPCE, the median school Q-score is 106 , while the P-score is 65.5 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Clear Answers)

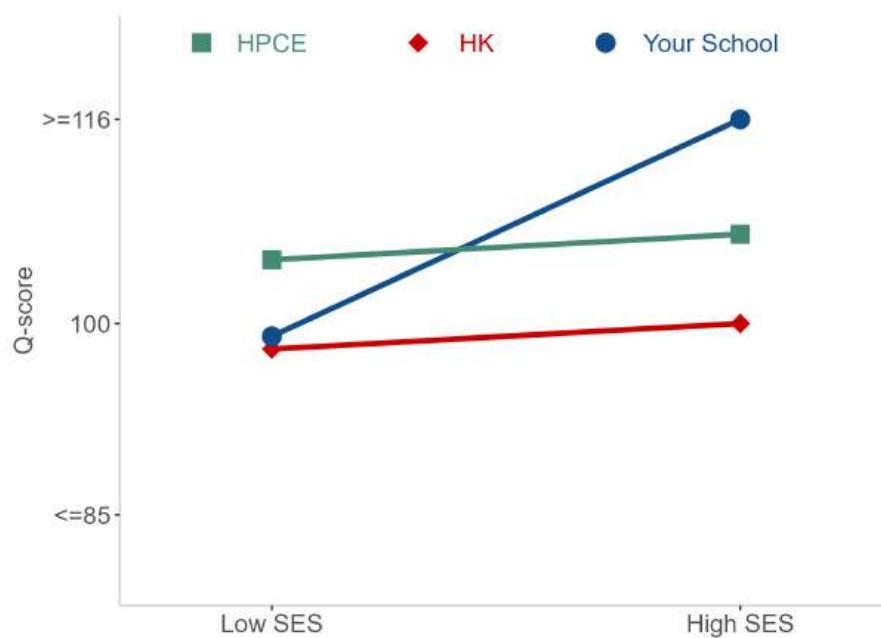
- In your school, high achievers (  $Q = 112$  ) SIMILAR TO low achievers (  $Q = 110$  ).
- In HK, high achievers (  $Q = 111$  ) HIGHER THAN low achievers (  $Q = 87$  ).
- In HPCE, high achievers (  $Q = 111$  ) HIGHER THAN low achievers (  $Q = 101$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	101	111
HK	87	111
Your School	110	112

### Difference between Low/High SES (Clear Answers)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 99 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 107 ) SIMILAR TO low SES ( Q = 105 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	105	107
HK	98	100
Your School	99	116

### Difference between Boys/Girls (Clear Answers)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 106 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 108 ).
- Recommendation (cf. HK): Average, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	108	104
HK	100	98
Your School	106	116

## Teacher Good At Explaining (Good Explaining)

**Domains:** Mathematics

**Construct:** Instructional Clarity in Mathematics Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher effectiveness in explaining mathematics. A higher Q-score/P-score indicates that students in your school perceive their mathematics teacher as being better at explaining mathematics compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your mathematics lessons?*

*My teacher is good at explaining mathematics*

### Item Distribution of Your Students (%)

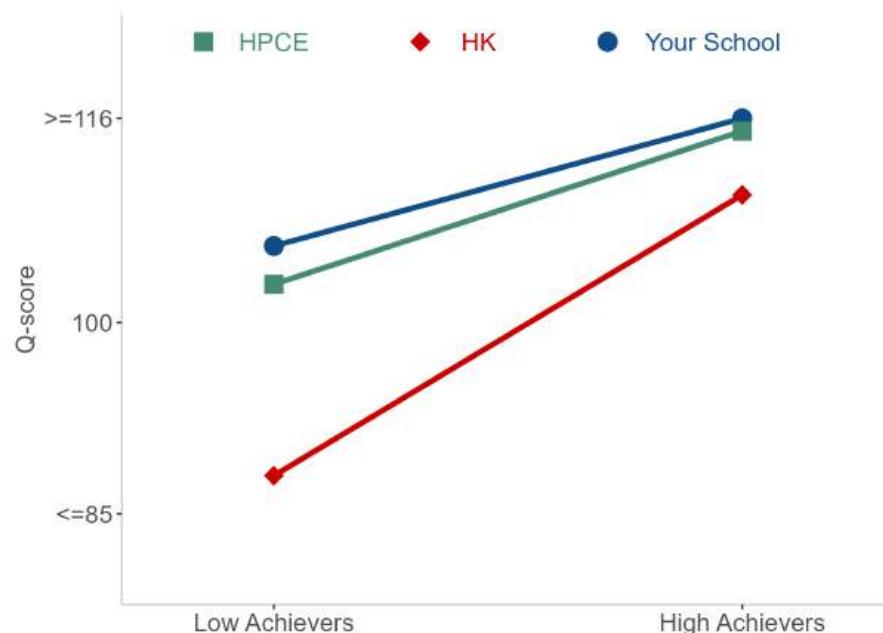
Options	Percentage
Agree a lot	79.25
Agree a little	15.09
Disagree a little	3.77
Disagree a lot	1.89

### Overall Performance

- Your school has Q-score 113 , P-score 80.7 .
- In HPCE, the median school Q-score is 109 , while the P-score is 72.6 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Good Explaining)

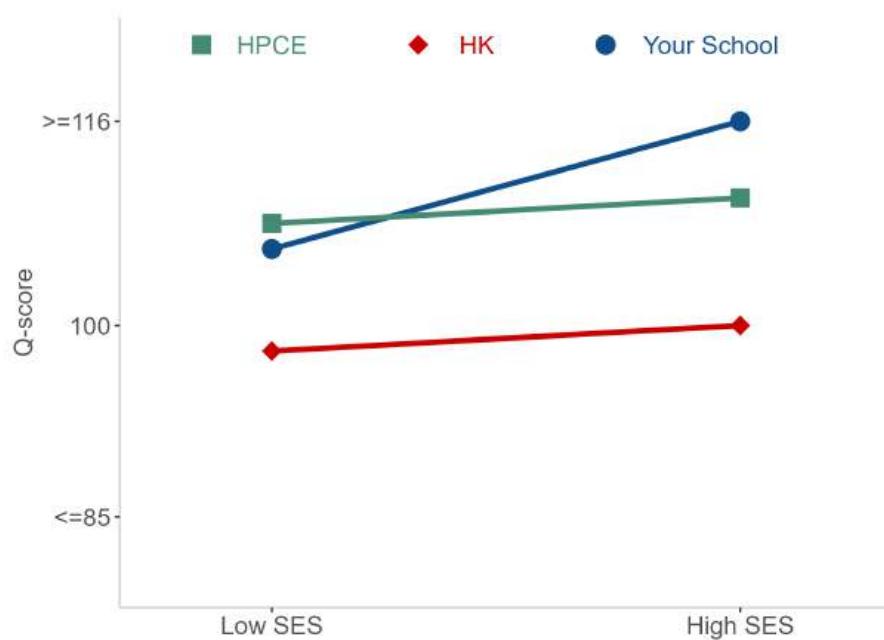
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 106$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HPCE, high achievers (  $Q = 115$  ) HIGHER THAN low achievers (  $Q = 103$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	103	115
HK	88	110
Your School	106	116

## Difference between Low/High SES (Good Explaining)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 110 ) SIMILAR TO low SES ( Q = 108 ).
- Recommendation (cf. HK): Slightly weak, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	108	110
HK	98	100
Your School	106	116

### Difference between Boys/Girls (Good Explaining)

- In your school, boys ( Q = 110 ) SIMILAR TO girls ( Q = 116 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 108 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	110	108
HK	102	96
Your School	116	110

## Different Things To Help (Varied Teaching)

**Domains:** Mathematics

**Construct:** Instructional Clarity in Mathematics Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher use of varied instructional strategies in mathematics. A higher Q-score/P-score indicates that students in your school perceive their mathematics teacher as using a greater variety of instructional strategies compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your mathematics lessons?*

*My teacher does a variety of things to help us learn*

### Item Distribution of Your Students (%)

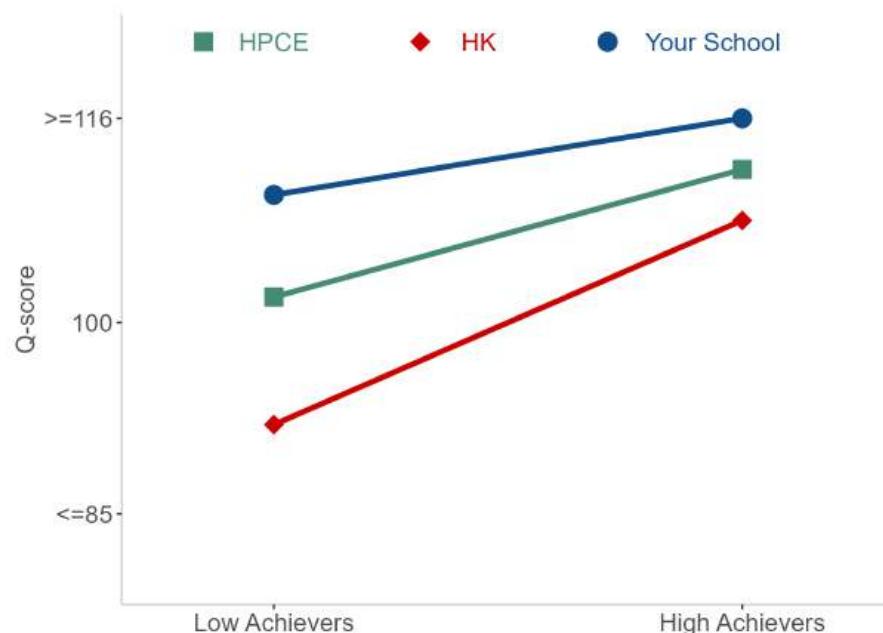
Options	Percentage
Agree a lot	79.25
Agree a little	16.98
Disagree a little	3.77
Disagree a lot	

### Overall Performance

- Your school has Q-score 115 , P-score 84.1 .
- In HPCE, the median school Q-score is 107 , while the P-score is 68 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Varied Teaching)

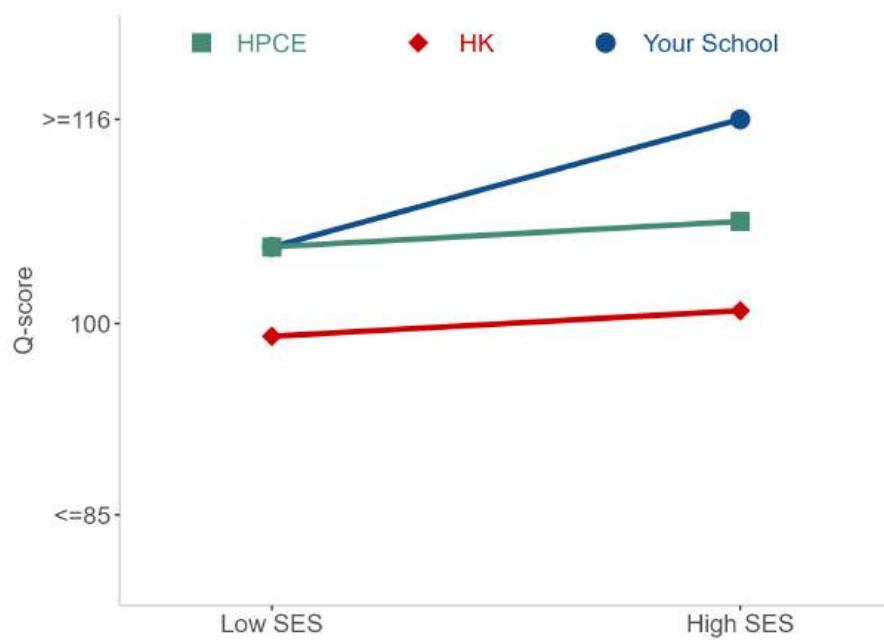
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 110$  ).
- In HK, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 112$  ) SIMILAR TO low achievers (  $Q = 102$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	102	112
HK	92	108
Your School	110	116

## Difference between Low/High SES (Varied Teaching)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 106 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	106	108
HK	99	101
Your School	106	116

## Difference between Boys/Girls (Varied Teaching)

- In your school, boys ( Q = 106 ) VERY MUCH LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 106 ) SIMILAR TO girls ( Q = 108 ).
- Recommendation (cf. HK): Slightly weak, improve particularly boys.
- Recommendation (cf. HPCE): Slightly weak, improve particularly boys.



	Girls	Boys
HPCE	108	106
HK	102	98
Your School	116	106

## **Teacher Explains Again (Explains Again)**

**Domains:** Mathematics

**Construct:** Instructional Clarity in Mathematics Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher responsiveness to student learning needs in mathematics. A higher Q-score/P-score indicates that students in your school perceive their mathematics teacher as being more responsive to their learning needs by re-explaining topics compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your mathematics lessons?*

*My teacher explains a topic again when we don't understand*

### **Item Distribution of Your Students (%)**

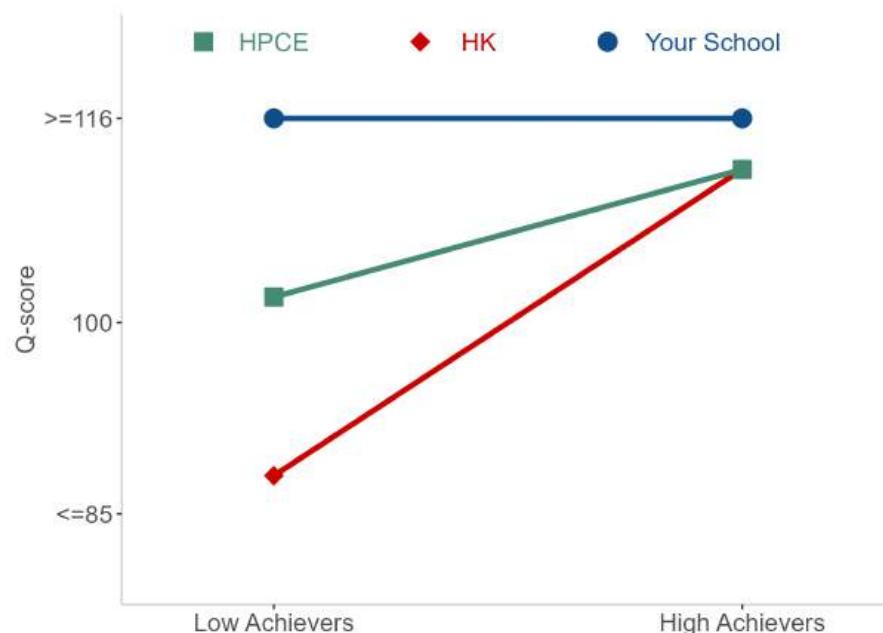
Options	Percentage
Agree a lot	81.13
Agree a little	16.98
Disagree a little	1.89
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 107 , while the P-score is 68 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Explains Again)

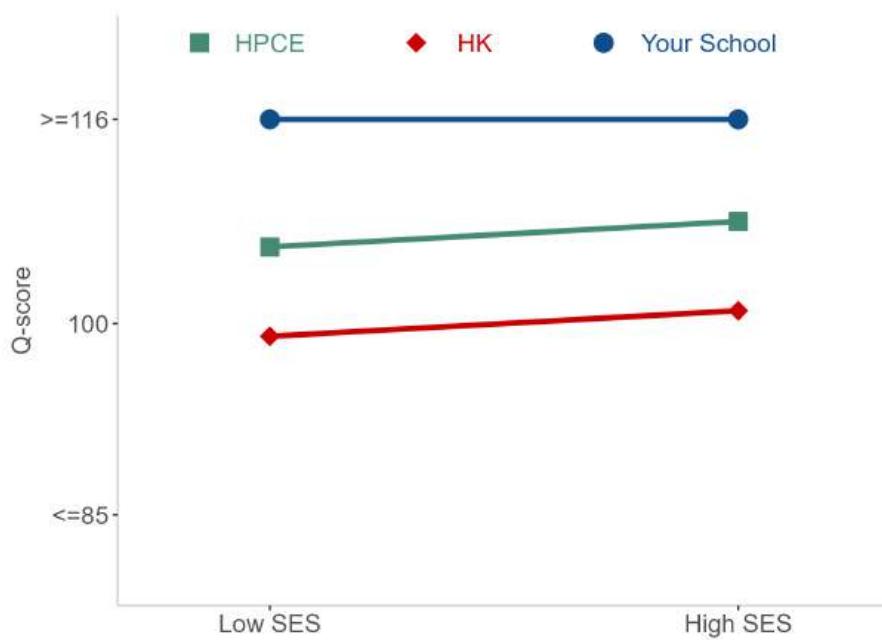
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 116$  ).
- In HK, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HPCE, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 102$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	102	112
HK	88	112
Your School	116	116

## Difference between Low/High SES (Explains Again)

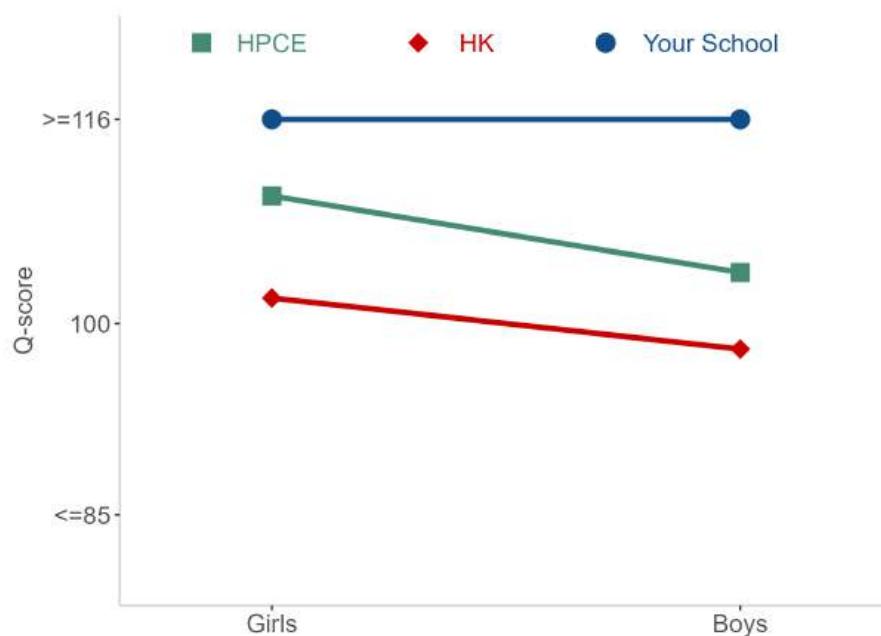
- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 106 ).
- Recommendation (cf. HK): Slightly weak, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	106	108
HK	99	101
Your School	116	116

## Difference between Boys/Girls (Explains Again)

- In your school, boys ( Q = 116 ) SIMILAR TO girls ( Q = 116 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	110	104
HK	102	98
Your School	116	116

## Teacher Gives Feedback (Feedback Given)

**Domains:** Mathematics

**Construct:** Instructional Clarity in Mathematics Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived quality of teacher feedback in mathematics. A higher Q-score/P-score indicates that students in your school perceive their mathematics teacher as providing more helpful feedback on their work compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your mathematics lessons?*

*My teacher gives me helpful feedback on my work*

### Item Distribution of Your Students (%)

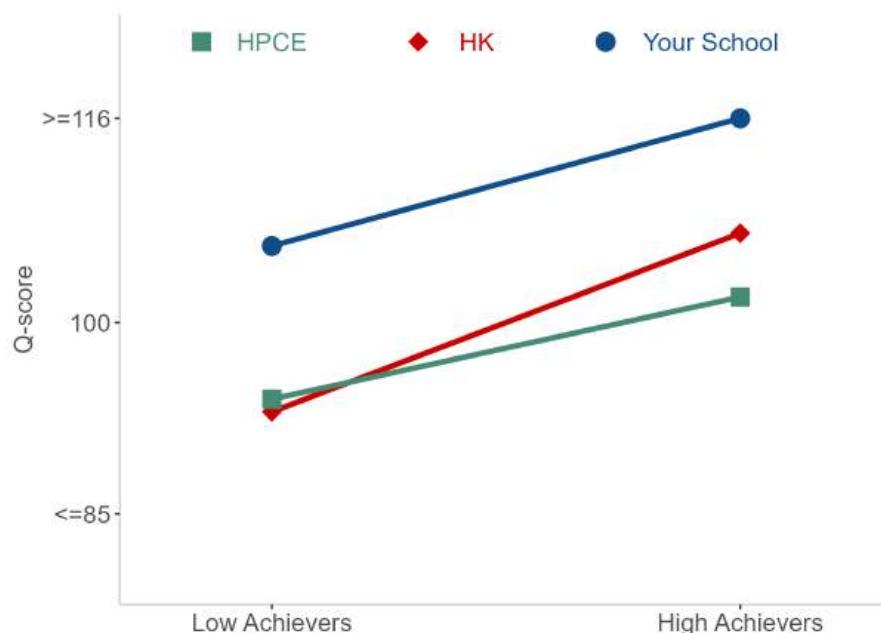
Options	Percentage
Agree a lot	71.70
Agree a little	20.75
Disagree a little	7.55
Disagree a lot	

### Overall Performance

- Your school has Q-score 113 , P-score 80.7 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Feedback Given)

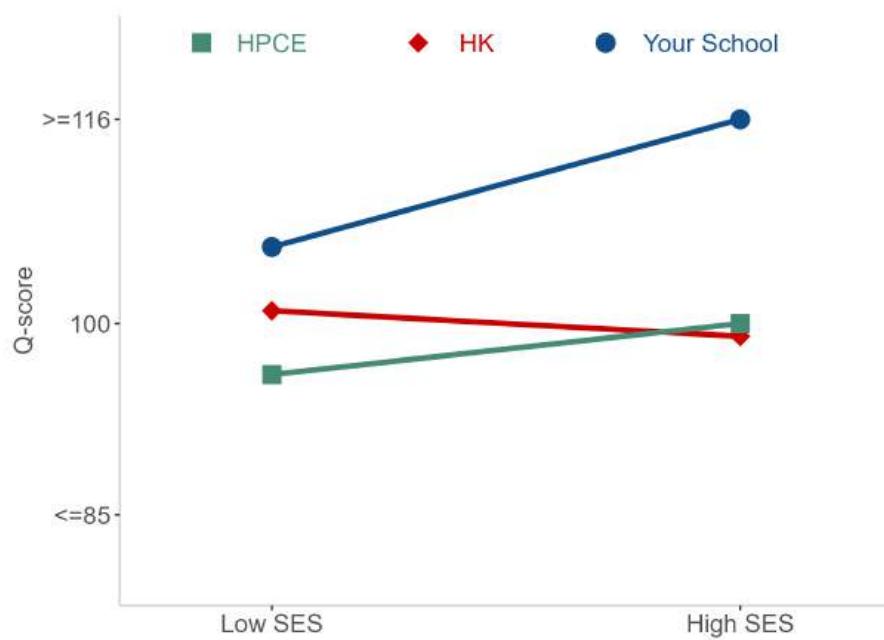
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 106$  ).
- In HK, high achievers (  $Q = 107$  ) HIGHER THAN low achievers (  $Q = 93$  ).
- In HPCE, high achievers (  $Q = 102$  ) SIMILAR TO low achievers (  $Q = 94$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	94	102
HK	93	107
Your School	106	116

## Difference between Low/High SES (Feedback Given)

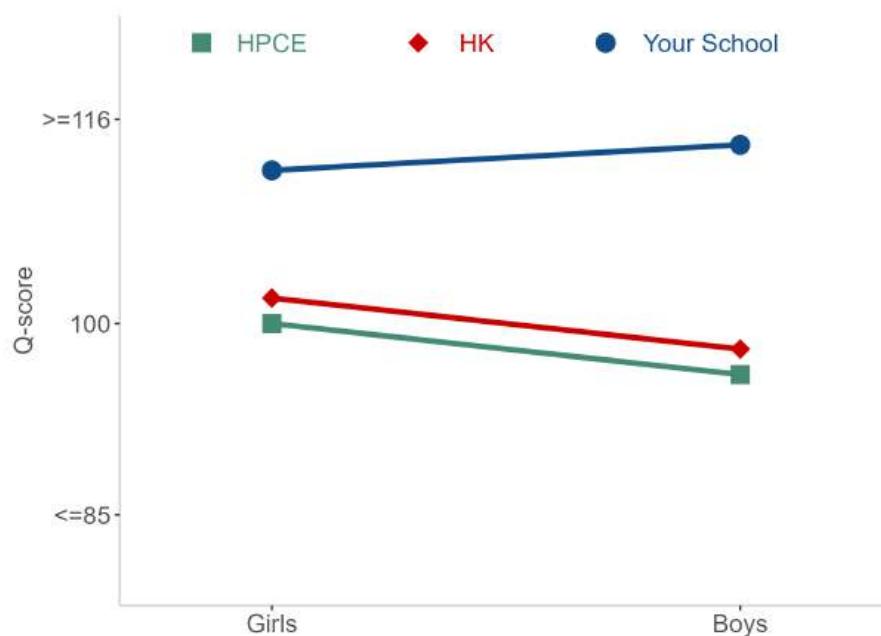
- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 101 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Slightly weak, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	96	100
HK	101	99
Your School	106	116

### Difference between Boys/Girls (Feedback Given)

- In your school, boys ( Q = 114 ) SIMILAR TO girls ( Q = 112 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 96 ) SIMILAR TO girls ( Q = 100 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	100	96
HK	102	98
Your School	112	114

## **Students Like Learning Mathematics (Enjoy Math Learning)**

**Domains:** Mathmatics

**Construct:** Students Like Learning Mathematics

**Type:** Scale

**Descriptions:** This scale measures Students Like Learning Mathematics. A higher Q-score/P-score indicates that students in your school have a higher positive affect on maths than those in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

- I enjoy learning mathematics
- I learn many interesting things in mathematics
- I like mathematics
- I like any schoolwork that involves numbers
- I like to solve mathematics problems
- I look forward to mathematics lessons
- Mathematics is one of my favorite subjects

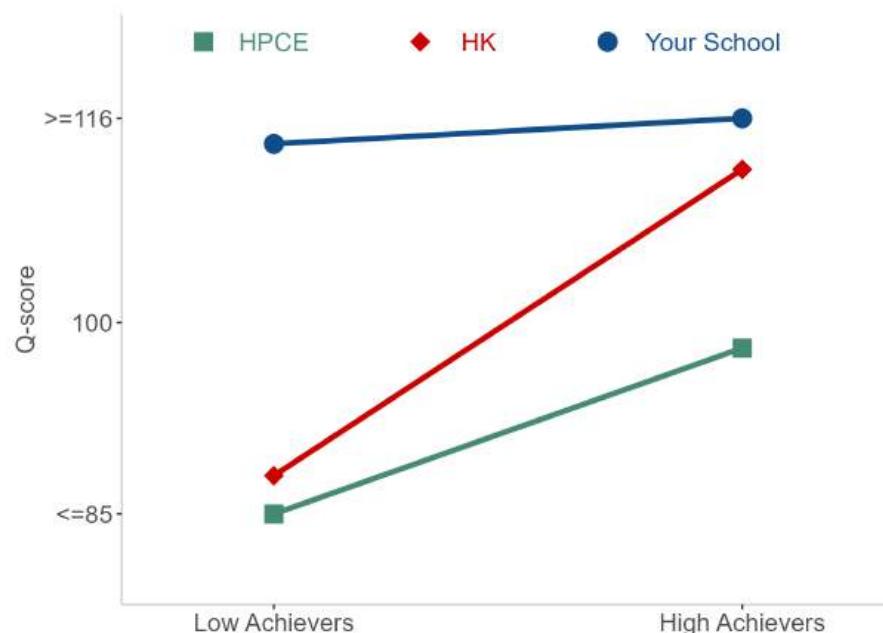
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 91 , while the P-score is 27.4 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Enjoy Math Learning)

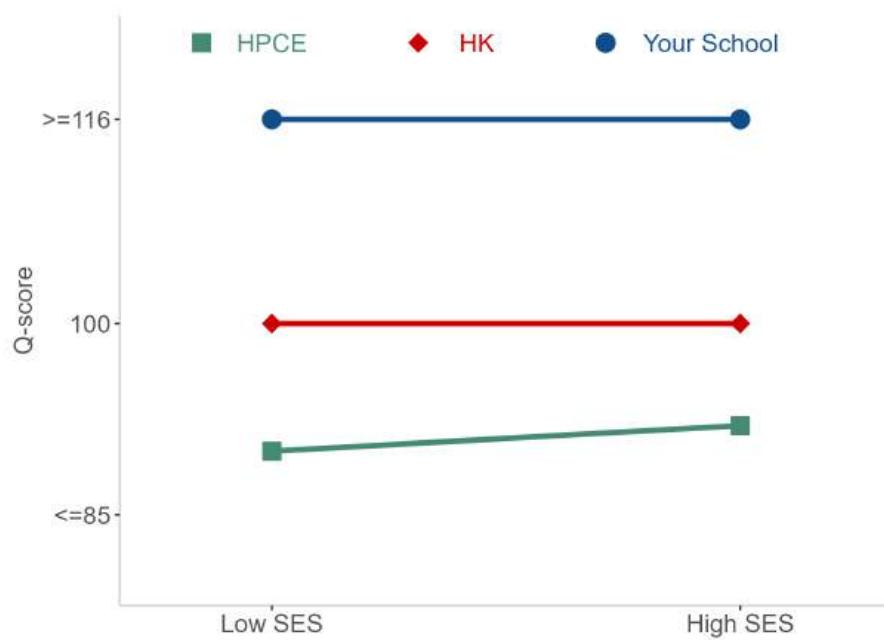
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 114$  ).
- In HK, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HPCE, high achievers (  $Q = 98$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	85	98
HK	88	112
Your School	114	116

## Difference between Low/High SES (Enjoy Math Learning)

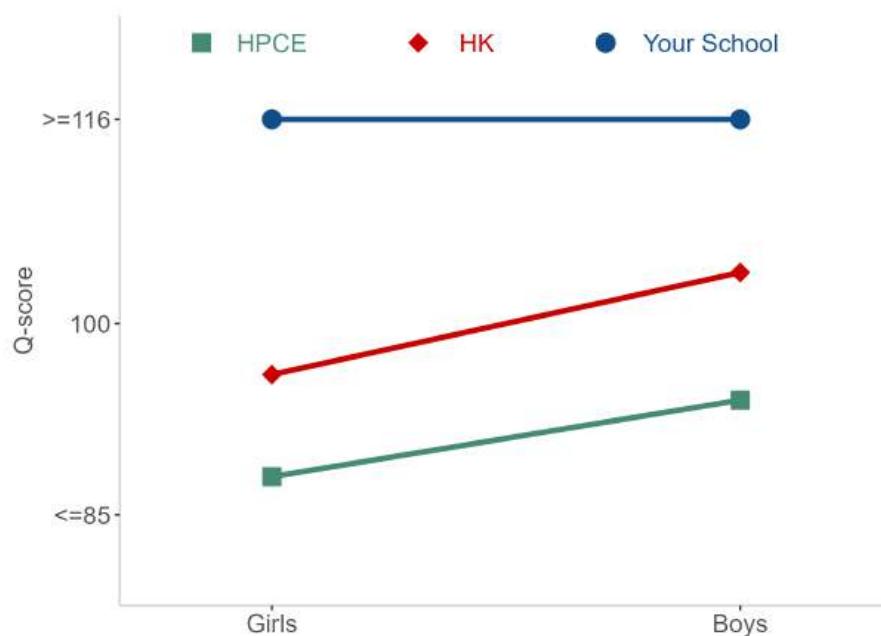
- In your school, high SES ( Q = 116 ) LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 92 ) SIMILAR TO low SES ( Q = 90 ).
- Recommendation (cf. HK): Average, improve high SES students.
- Recommendation (cf. HPCE): Good, improve high SES students.



	Low SES	High SES
HPCE	90	92
HK	100	100
Your School	116	116

## Difference between Boys/Girls (Enjoy Math Learning)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 104 ) HIGHER THAN girls ( Q = 96 ).
- In HPCE, boys ( Q = 94 ) HIGHER THAN girls ( Q = 88 ).
- Recommendation (cf. HK): Average, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	88	94
HK	96	104
Your School	116	116

## **Enjoy Learning Mathematics (Enjoy Math)**

**Domains:** Mathematics

**Construct:** Students Like Learning Mathematics

**Type:** Item

**Descriptions:** This item measures students' enjoyment of learning mathematics. A higher Q-score/P-score indicates that students in your school have a higher enjoyment of learning mathematics than those in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning mathematics?*

*I enjoy learning mathematics*

### **Item Distribution of Your Students (%)**

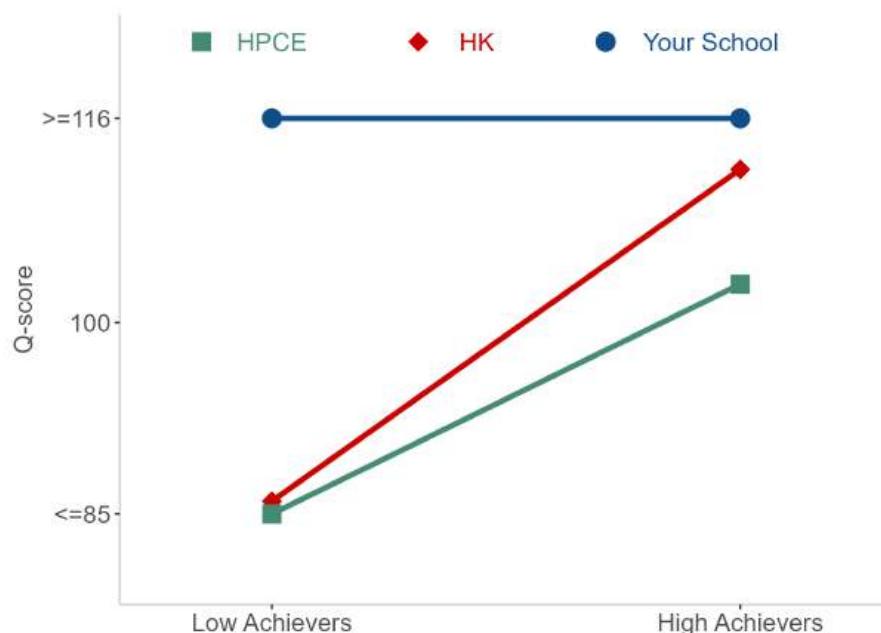
Options	Percentage
Agree a lot	69.23
Agree a little	21.15
Disagree a little	9.62
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 93 , while the P-score is 32 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Enjoy Math)

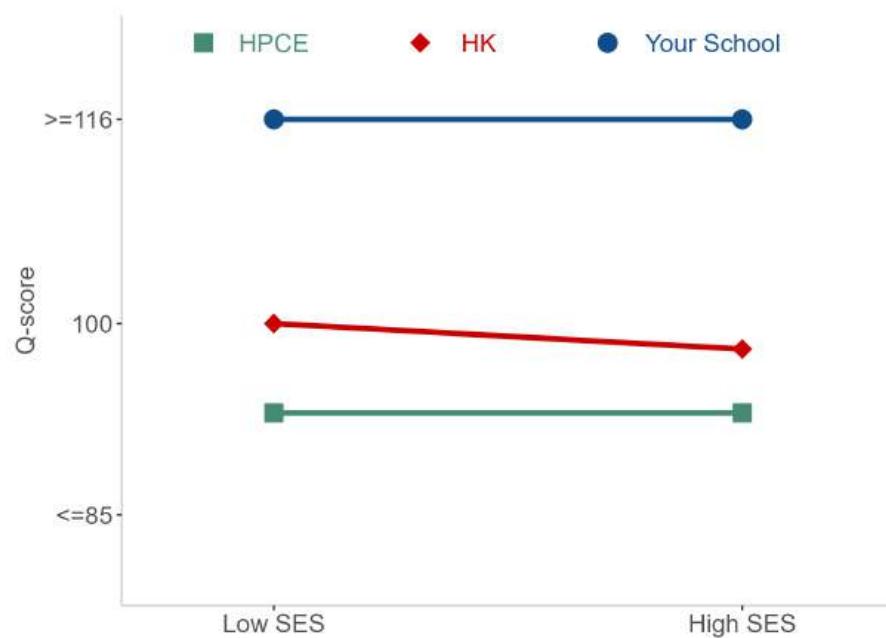
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 116$  ).
- In HK, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HPCE, high achievers (  $Q = 103$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	85	103
HK	86	112
Your School	116	116

### Difference between Low/High SES (Enjoy Math)

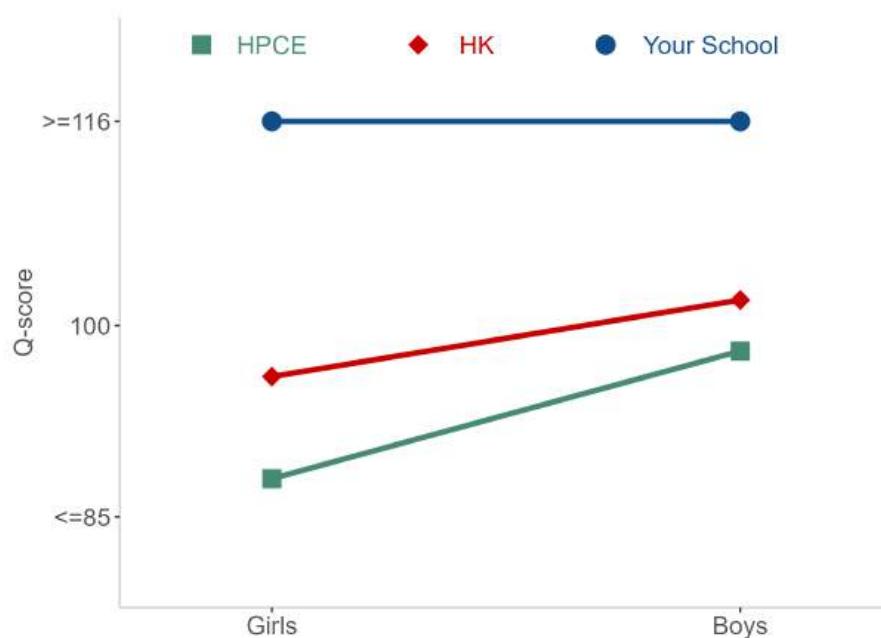
- In your school, high SES ( Q = 116 ) LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 93 ) SIMILAR TO low SES ( Q = 93 ).
- Recommendation (cf. HK): Average, improve high SES students.
- Recommendation (cf. HPCE): Average, improve high SES students.



	Low SES	High SES
HPCE	93	93
HK	100	98
Your School	116	116

## Difference between Boys/Girls (Enjoy Math)

- In your school, boys ( Q = 116 ) SIMILAR TO girls ( Q = 116 ).
- In HK, boys ( Q = 102 ) HIGHER THAN girls ( Q = 96 ).
- In HPCE, boys ( Q = 98 ) HIGHER THAN girls ( Q = 88 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	88	98
HK	96	102
Your School	116	116

## Learn Interesting Things (Math Is Interesting)

**Domains:** Mathematics

**Construct:** Students Like Learning Mathematics

**Type:** Item

**Descriptions:** This item measures students' perceived learning opportunities in mathematics. A higher Q-score/P-score indicates that students in your school perceive more opportunities to learn interesting things in mathematics compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning mathematics?*

*I learn many interesting things in mathematics*

### Item Distribution of Your Students (%)

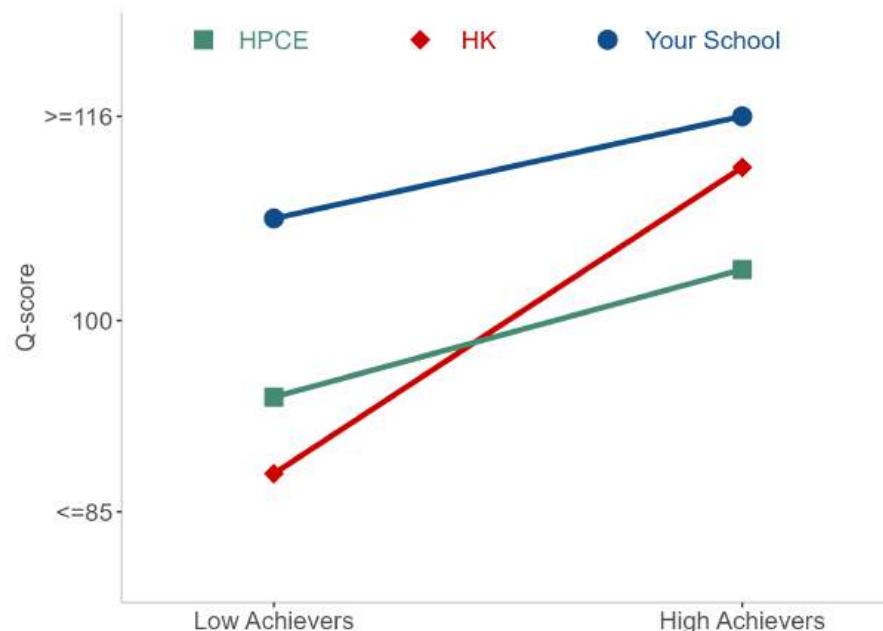
Options	Percentage
Agree a lot	71.15
Agree a little	17.31
Disagree a little	9.62
Disagree a lot	1.92

### Overall Performance

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 99 , while the P-score is 47.3 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

## Difference between Low/High Achievers (Math Is Interesting)

- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 108$  ).
- In HK, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HPCE, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	94	104
HK	88	112
Your School	108	116

## Difference between Low/High SES (Math Is Interesting)

- In your school, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 116 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 98 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	98	100
HK	102	98
Your School	116	116

### Difference between Boys/Girls (Math Is Interesting)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 108 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 100 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	98	100
HK	100	100
Your School	108	116

## Like Mathematics (Like Math)

**Domains:** Mathematics

**Construct:** Students Like Learning Mathematics

**Type:** Item

**Descriptions:** This item measures students' liking of mathematics. A higher Q-score/P-score indicates that students in your school have a higher liking of mathematics compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning mathematics?*

*I like mathematics*

### Item Distribution of Your Students (%)

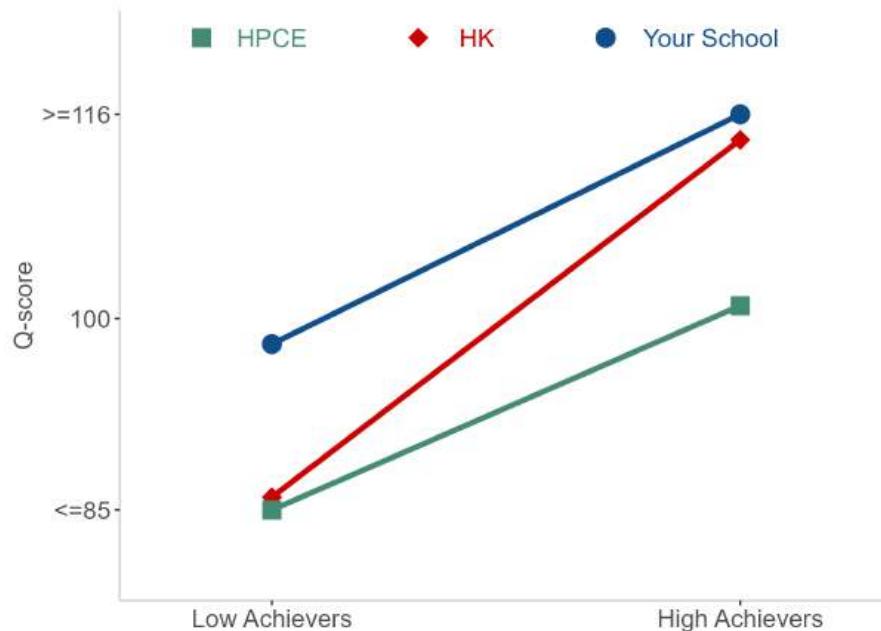
Options	Percentage
Agree a lot	65.38
Agree a little	19.23
Disagree a little	7.69
Disagree a lot	7.69

### Overall Performance

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 92 , while the P-score is 29.7 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Like Math)

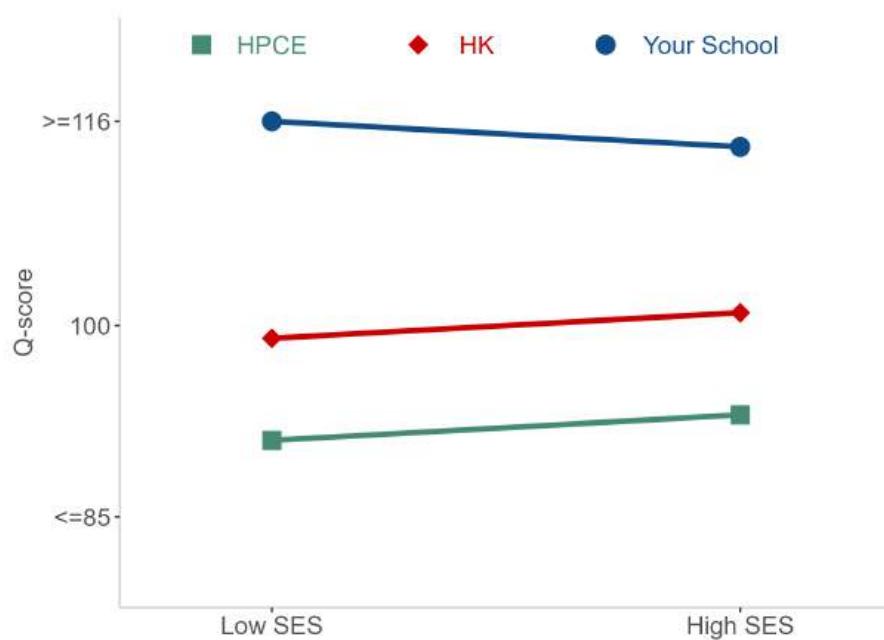
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 98$  ).
- In HK, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HPCE, high achievers (  $Q = 101$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	85	101
HK	86	114
Your School	98	116

## Difference between Low/High SES (Like Math)

- In your school, high SES ( Q = 114 ) SIMILAR TO low SES ( Q = 116 ).
- In HK, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 93 ) SIMILAR TO low SES ( Q = 91 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	91	93
HK	99	101
Your School	116	114

## Difference between Boys/Girls (Like Math)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 108 ).
- In HK, boys ( Q = 102 ) HIGHER THAN girls ( Q = 98 ).
- In HPCE, boys ( Q = 97 ) HIGHER THAN girls ( Q = 87 ).
- Recommendation (cf. HK): Average, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	87	97
HK	98	102
Your School	108	116

## Like Numbers (Like Numbers)

**Domains:** Mathematics

**Construct:** Students Like Learning Mathematics

**Type:** Item

**Descriptions:** This item measures students' enjoyment of number-related activities. A higher Q-score/P-score indicates that students in your school have a higher enjoyment of schoolwork involving numbers compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning mathematics?*

*I like any schoolwork that involves numbers*

### Item Distribution of Your Students (%)

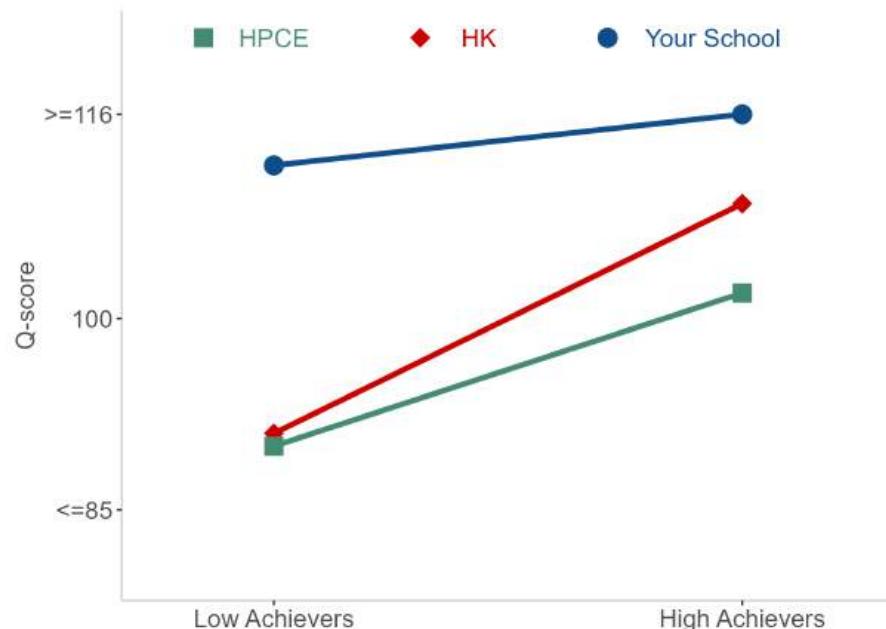
Options	Percentage
Agree a lot	51.92
Agree a little	28.85
Disagree a little	13.46
Disagree a lot	5.77

### Overall Performance

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 96 , while the P-score is 39.5 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Like Numbers)

- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 112$  ).
- In HK, high achievers (  $Q = 109$  ) HIGHER THAN low achievers (  $Q = 91$  ).
- In HPCE, high achievers (  $Q = 102$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	90	102
HK	91	109
Your School	112	116

## Difference between Low/High SES (Like Numbers)

- In your school, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 116 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 97 ) SIMILAR TO low SES ( Q = 95 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	95	97
HK	100	100
Your School	116	116

## Difference between Boys/Girls (Like Numbers)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 115 ).
- In HK, boys ( Q = 105 ) HIGHER THAN girls ( Q = 95 ).
- In HPCE, boys ( Q = 100 ) SIMILAR TO girls ( Q = 92 ).
- Recommendation (cf. HK): Average, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	92	100
HK	95	105
Your School	115	116

## Like Math Problems (Like Math Problems)

**Domains:** Mathematics

**Construct:** Students Like Learning Mathematics

**Type:** Item

**Descriptions:** This item measures students' enjoyment of solving mathematics problems. A higher Q-score/P-score indicates that students in your school have a higher enjoyment of solving mathematics problems compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning mathematics?*

*I like to solve mathematics problems*

### Item Distribution of Your Students (%)

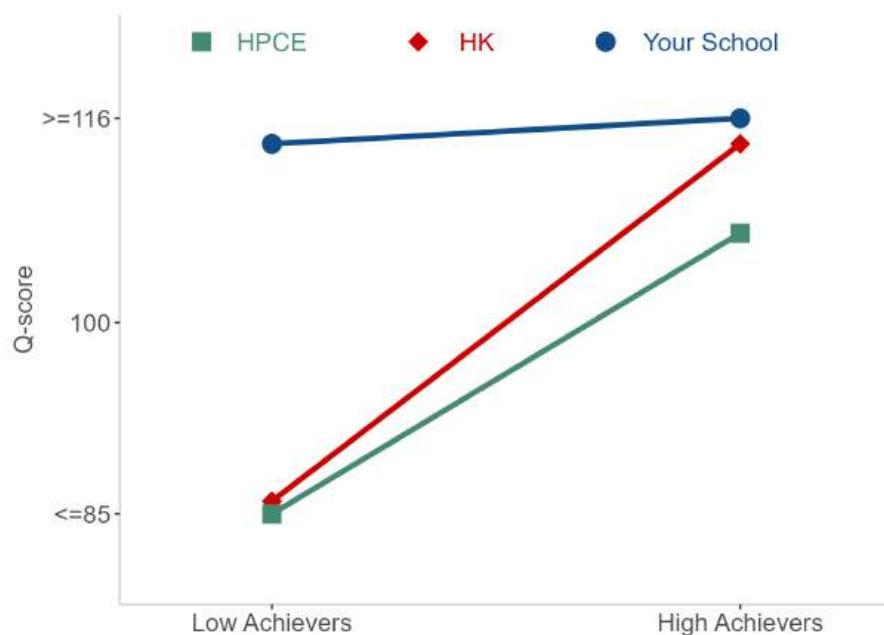
Options	Percentage
Agree a lot	57.69
Agree a little	26.92
Disagree a little	11.54
Disagree a lot	3.85

### Overall Performance

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 95 , while the P-score is 36.9 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

## Difference between Low/High Achievers (Like Math Problems)

- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 114$  ).
- In HK, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HPCE, high achievers (  $Q = 107$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	85	107
HK	86	114
Your School	114	116

## Difference between Low/High SES (Like Math Problems)

- In your school, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 116 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 94 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	94	96
HK	100	100
Your School	116	116

## Difference between Boys/Girls (Like Math Problems)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 115 ).
- In HK, boys ( Q = 106 ) SIMILAR TO girls ( Q = 94 ).
- In HPCE, boys ( Q = 100 ) HIGHER THAN girls ( Q = 90 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	90	100
HK	94	106
Your School	115	116

## **Look Forward To Math Class (Look Forward Math)**

**Domains:** Mathematics

**Construct:** Students Like Learning Mathematics

**Type:** Item

**Descriptions:** This item measures students' anticipation of mathematics lessons. A higher Q-score/P-score indicates that students in your school have a higher anticipation of mathematics lessons compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning mathematics?*

*I look forward to mathematics lessons*

### **Item Distribution of Your Students (%)**

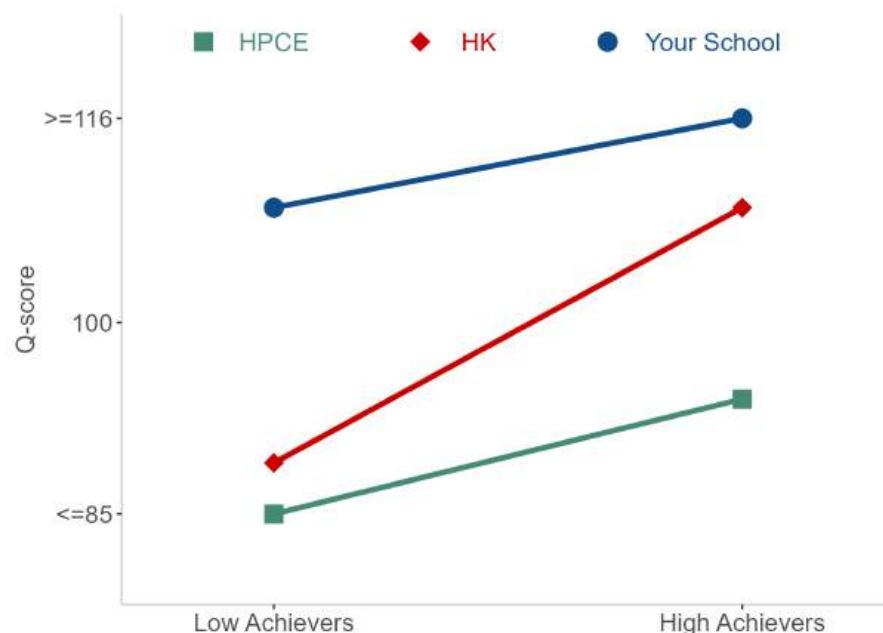
Options	Percentage
Agree a lot	51.92
Agree a little	30.77
Disagree a little	9.62
Disagree a lot	7.69

### **Overall Performance**

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 89 , while the P-score is 23.2 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Very good, KEEP ON good work.

### Difference between Low/High Achievers (Look Forward Math)

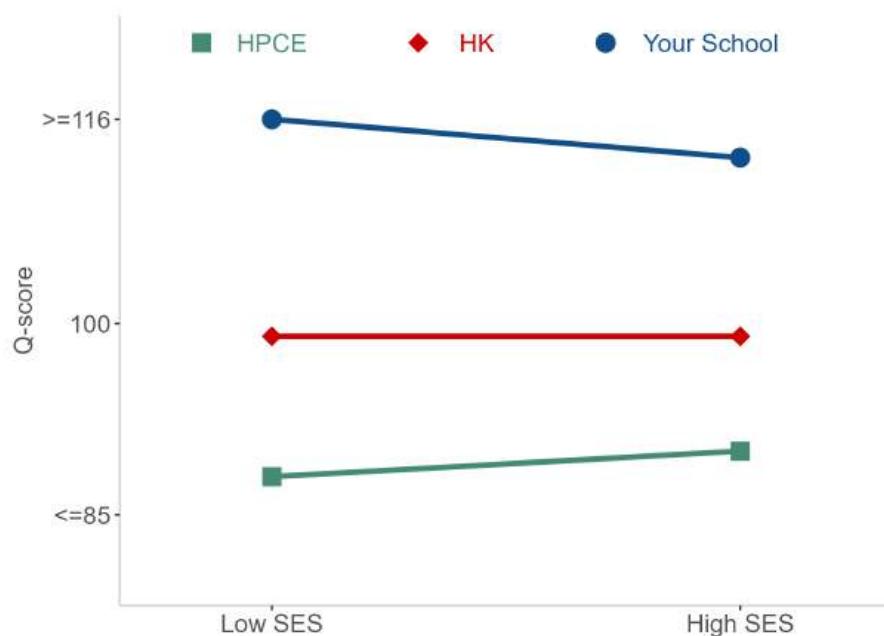
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 109$  ).
- In HK, high achievers (  $Q = 109$  ) HIGHER THAN low achievers (  $Q = 89$  ).
- In HPCE, high achievers (  $Q = 94$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	85	94
HK	89	109
Your School	109	116

## Difference between Low/High SES (Look Forward Math)

- In your school, high SES ( Q = 113 ) LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 90 ) SIMILAR TO low SES ( Q = 88 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	88	90
HK	99	99
Your School	116	113

## Difference between Boys/Girls (Look Forward Math)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 108 ).
- In HK, boys ( Q = 101 ) SIMILAR TO girls ( Q = 97 ).
- In HPCE, boys ( Q = 91 ) SIMILAR TO girls ( Q = 87 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	87	91
HK	97	101
Your School	108	116

## **Favorite Subject (Favorite Subject)**

**Domains:** Mathematics

**Construct:** Students Like Learning Mathematics

**Type:** Item

**Descriptions:** This item measures students' preference for mathematics as a subject. A higher Q-score/P-score indicates that students in your school have a higher preference for mathematics as a subject compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning mathematics?*

*Mathematics is one of my favorite subjects*

### **Item Distribution of Your Students (%)**

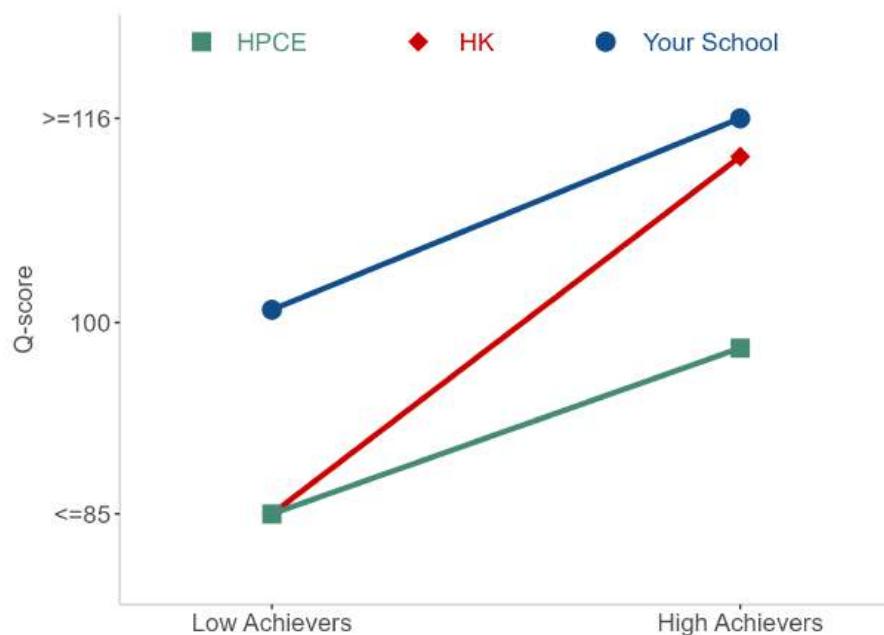
Options	Percentage
Agree a lot	56.86
Agree a little	19.61
Disagree a little	5.88
Disagree a lot	17.65

### **Overall Performance**

- Your school has Q-score 115 , P-score 84.1 .
- In HPCE, the median school Q-score is 89 , while the P-score is 23.2 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Favorite Subject)

- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 101$  ).
- In HK, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 98$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	85	98
HK	85	113
Your School	101	116

## Difference between Low/High SES (Favorite Subject)

- In your school, high SES ( Q = 103 ) VERY MUCH LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 89 ) SIMILAR TO low SES ( Q = 89 ).
- Recommendation (cf. HK): Slightly weak, improve particularly high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly high SES students.



	Low SES	High SES
HPCE	89	89
HK	100	98
Your School	116	103

### Difference between Boys/Girls (Favorite Subject)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 101 ).
- In HK, boys ( Q = 104 ) HIGHER THAN girls ( Q = 94 ).
- In HPCE, boys ( Q = 92 ) HIGHER THAN girls ( Q = 86 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	86	92
HK	94	104
Your School	101	116

## **Students Confident in Mathematics (Confident In Math)**

**Domains:** Mathmatics

**Construct:** Students Confident in Mathematics

**Type:** Scale

**Descriptions:** This scale measures students' self-confidence in their mathematics abilities. A higher Q-score/P-score indicates that students in your school have higher levels of self-confidence in their mathematics abilities compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

I usually do well in mathematics

Mathematics is more difficult for me than for many of my classmates

Mathematics is not one of my strengths

Mathematics is easy for me

I am good at working out difficult mathematics problems

Mathematics is harder for me than any other subject

Mathematics makes me confused

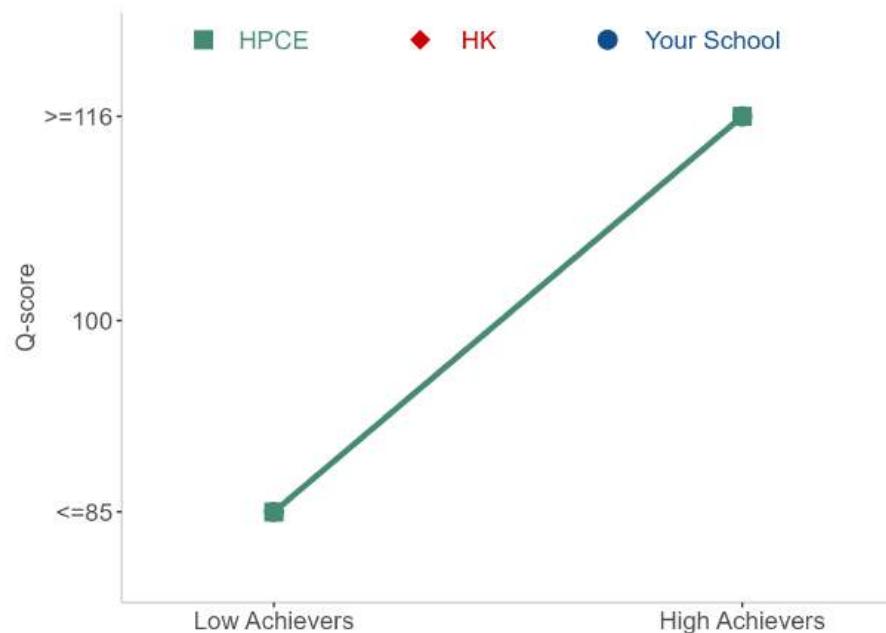
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 106 , P-score 65.5 .
- In HPCE, the median school Q-score is 97 , while the P-score is 42.1 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Confident In Math)

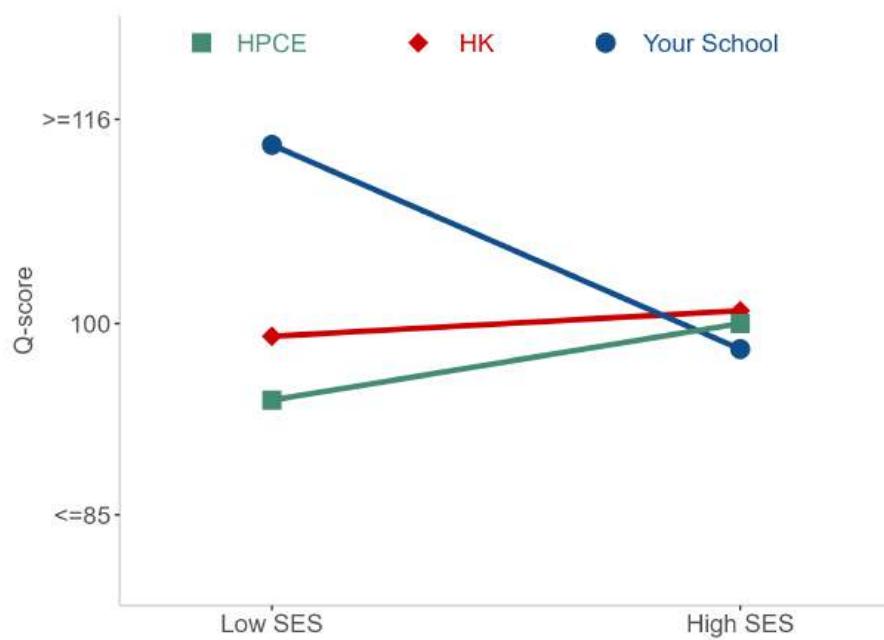
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	85	116
HK	85	116
Your School	85	116

## Difference between Low/High SES (Confident In Math)

- In your school, high SES ( Q = 98 ) LOWER THAN low SES ( Q = 114 ).
- In HK, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 94 ).
- Recommendation (cf. HK): Average, improve high SES students.
- Recommendation (cf. HPCE): Good, improve high SES students.



	Low SES	High SES
HPCE	94	100
HK	99	101
Your School	114	98

### Difference between Boys/Girls (Confident In Math)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 90 ).
- In HK, boys ( Q = 108 ) HIGHER THAN girls ( Q = 92 ).
- In HPCE, boys ( Q = 103 ) HIGHER THAN girls ( Q = 91 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	91	103
HK	92	108
Your School	90	116

## **Usually Do Well In Math (Do Well In Math)**

**Domains:** Mathematics

**Construct:** Students Confident in Mathematics

**Type:** Item

**Descriptions:** This item measures students' perceived self-efficacy in mathematics. A higher Q-score/P-score indicates that students in your school have higher perceived self-efficacy in mathematics compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about mathematics?*

*I usually do well in mathematics*

### **Item Distribution of Your Students (%)**

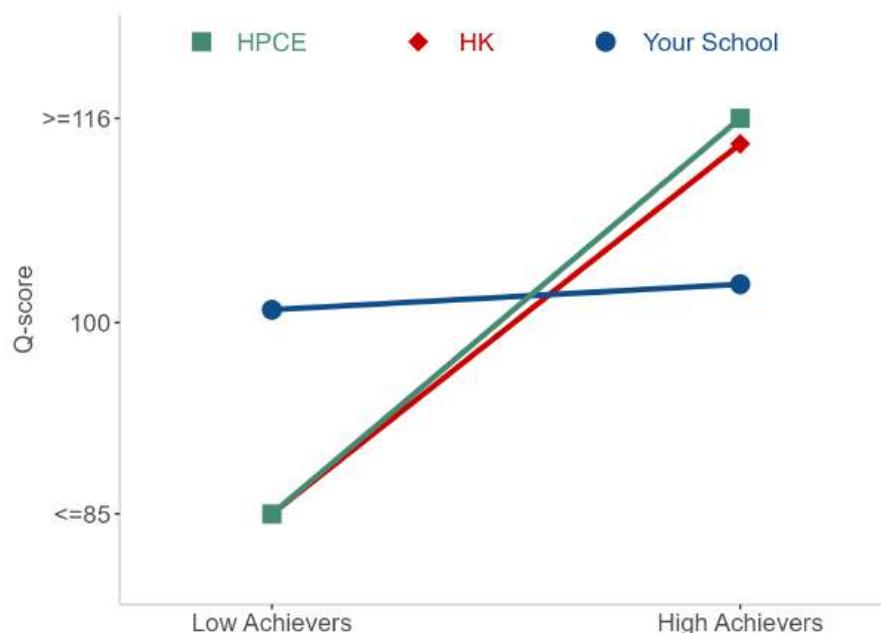
Options	Percentage
Agree a lot	49.06
Agree a little	28.30
Disagree a little	9.43
Disagree a lot	13.21

### **Overall Performance**

- Your school has Q-score 102 , P-score 55.3 .
- In HPCE, the median school Q-score is 97 , while the P-score is 42.1 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Do Well In Math)

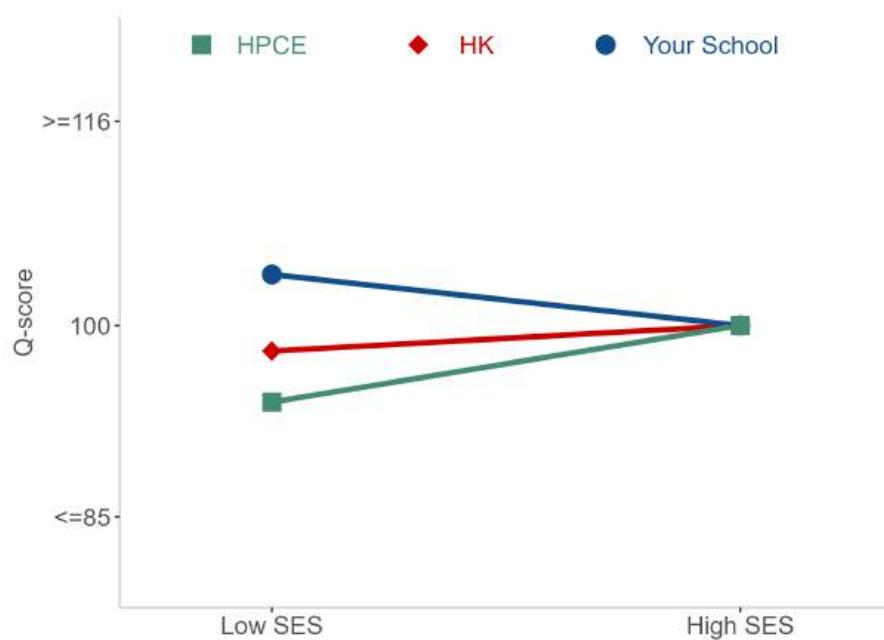
- In your school, high achievers (  $Q = 103$  ) SIMILAR TO low achievers (  $Q = 101$  ).
- In HK, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	85	116
HK	85	114
Your School	101	103

## Difference between Low/High SES (Do Well In Math)

- In your school, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 104 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 94 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	94	100
HK	98	100
Your School	104	100

### Difference between Boys/Girls (Do Well In Math)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 88 ).
- In HK, boys ( Q = 106 ) HIGHER THAN girls ( Q = 92 ).
- In HPCE, boys ( Q = 100 ) HIGHER THAN girls ( Q = 94 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	94	100
HK	92	106
Your School	88	116

## No Harder For Me Than For Others (Math Not Harder)

**Domains:** Mathematics

**Construct:** Students Confident in Mathematics

**Type:** Item

**Descriptions:** This item measures students' perceived relative difficulty of mathematics. A higher Q-score/P-score indicates that students in your school perceive mathematics as NOT being more difficult for them compared to their classmates compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about mathematics?*

*Mathematics is more difficult for me than for many of my classmates*

### Item Distribution of Your Students (%)

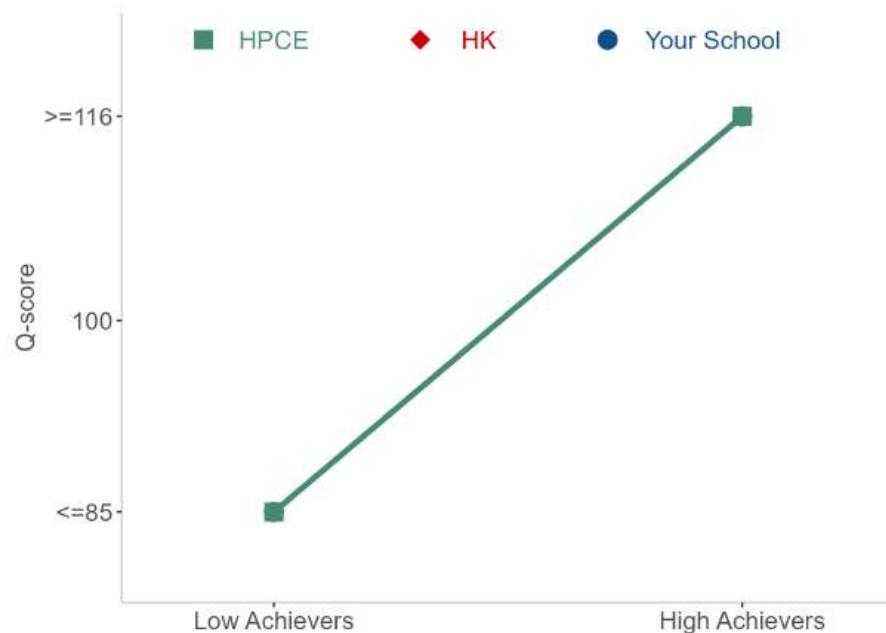
Options	Percentage
Agree a lot	28.30
Agree a little	22.64
Disagree a little	13.21
Disagree a lot	35.85

### Overall Performance

- Your school has Q-score 95 , P-score 36.9 .
- In HPCE, the median school Q-score is 101 , while the P-score is 52.7 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Math Not Harder)

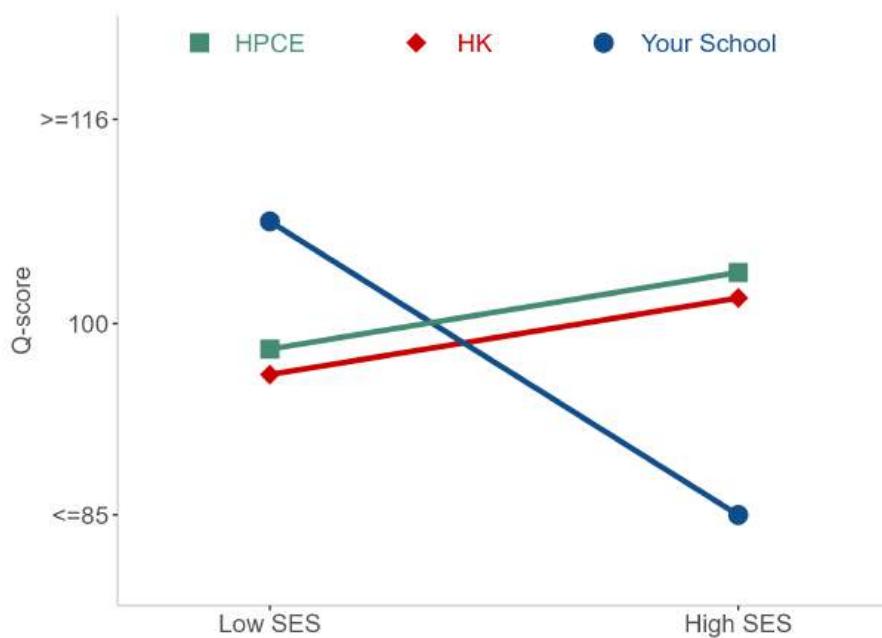
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	85	116
HK	85	116
Your School	85	116

## Difference between Low/High SES (Math Not Harder)

- In your school, high SES ( Q = 85 ) LOWER THAN low SES ( Q = 108 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 98 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	98	104
HK	96	102
Your School	108	85

## Difference between Boys/Girls (Math Not Harder)

- In your school, boys ( Q = 97 ) SIMILAR TO girls ( Q = 93 ).
- In HK, boys ( Q = 101 ) SIMILAR TO girls ( Q = 97 ).
- In HPCE, boys ( Q = 102 ) SIMILAR TO girls ( Q = 100 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	100	102
HK	97	101
Your School	93	97

## No Not One Of My Strengths (Good At Math)

**Domains:** Mathematics

**Construct:** Students Confident in Mathematics

**Type:** Item

**Descriptions:** This item measures students' perceived strengths in mathematics. A higher Q-score/P-score indicates that students in your school perceive mathematics as NOT being less of a strength for them compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about mathematics?*

*Mathematics is not one of my strengths*

### Item Distribution of Your Students (%)

Options	Percentage
Agree a lot	22.64
Agree a little	24.53
Disagree a little	18.87
Disagree a lot	33.96

### Overall Performance

- Your school has Q-score 95 , P-score 36.9 .
- In HPCE, the median school Q-score is 99 , while the P-score is 47.3 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Good At Math)

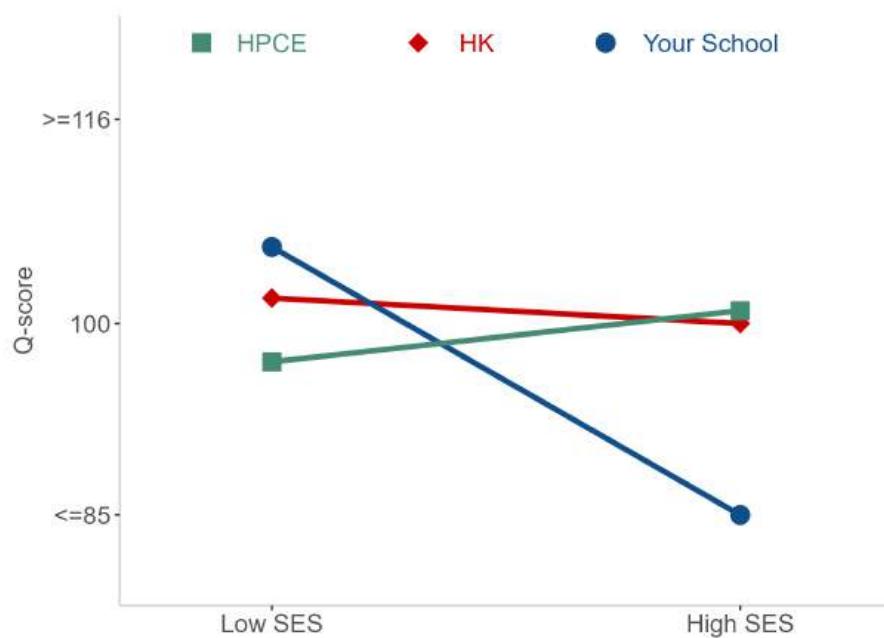
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	85	116
HK	85	116
Your School	85	116

## Difference between Low/High SES (Good At Math)

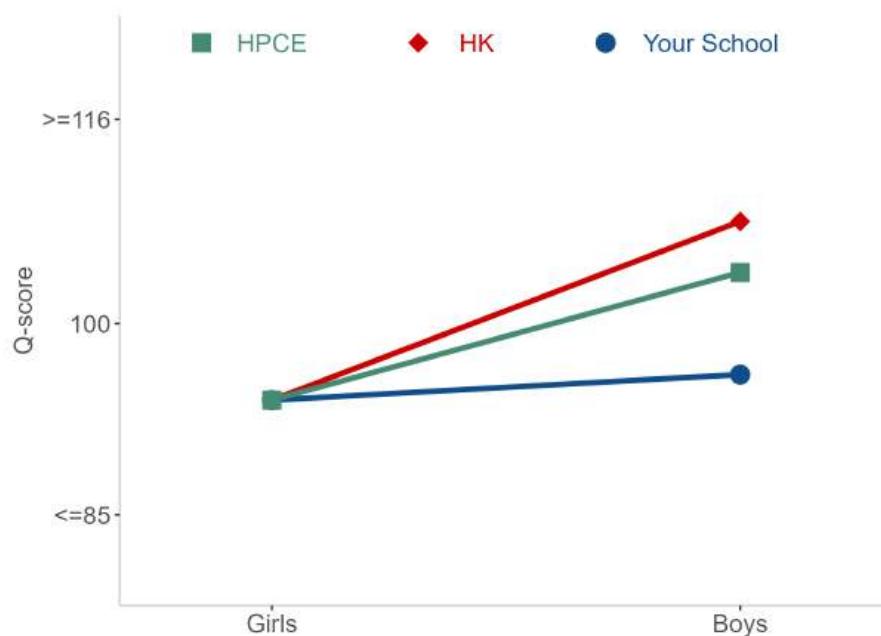
- In your school, high SES ( Q = 85 ) LOWER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 97 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	97	101
HK	102	100
Your School	106	85

### Difference between Boys/Girls (Good At Math)

- In your school, boys ( Q = 96 ) SIMILAR TO girls ( Q = 94 ).
- In HK, boys ( Q = 108 ) HIGHER THAN girls ( Q = 94 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 94 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	94	104
HK	94	108
Your School	94	96

## **Mathematics Is Easy (Math Is Easy)**

**Domains:** Mathematics

**Construct:** Students Confident in Mathematics

**Type:** Item

**Descriptions:** This item measures students' perceived ease of mathematics. A higher Q-score/P-score indicates that students in your school perceive mathematics as being easier for them compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about mathematics?*

*Mathematics is easy for me*

### **Item Distribution of Your Students (%)**

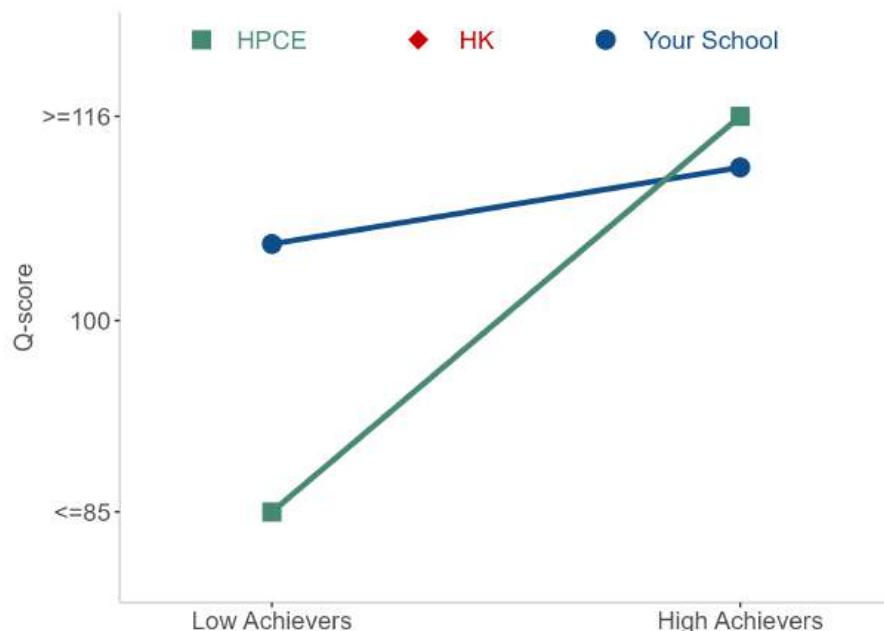
Options	Percentage
Agree a lot	40.38
Agree a little	26.92
Disagree a little	19.23
Disagree a lot	13.46

### **Overall Performance**

- Your school has Q-score 109 , P-score 72.6 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Math Is Easy)

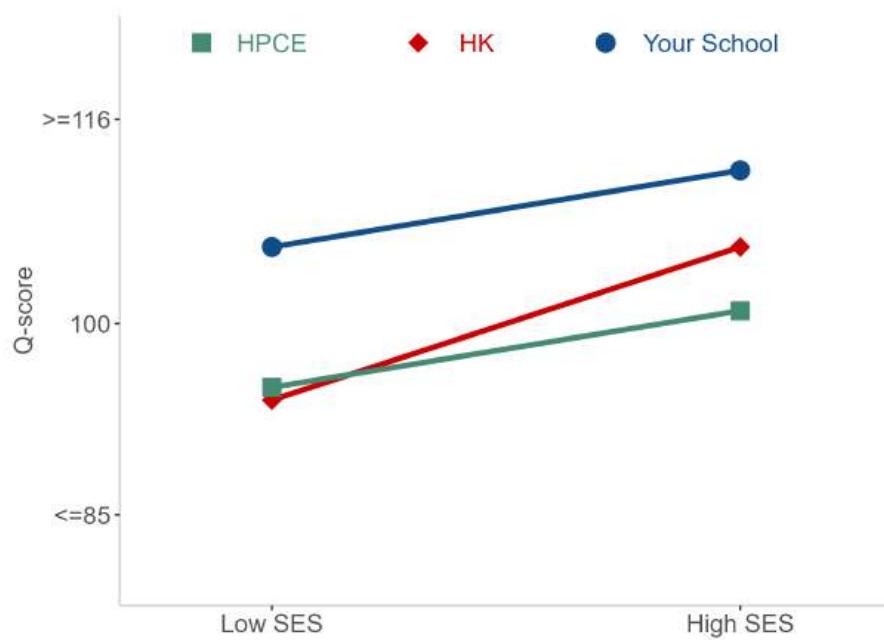
- In your school, high achievers (  $Q = 112$  ) SIMILAR TO low achievers (  $Q = 106$  ).
- In HK, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	85	116
HK	85	116
Your School	106	112

## Difference between Low/High SES (Math Is Easy)

- In your school, high SES ( Q = 112 ) SIMILAR TO low SES ( Q = 106 ).
- In HK, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 95 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	95	101
HK	94	106
Your School	106	112

## Difference between Boys/Girls (Math Is Easy)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 85 ).
- In HK, boys ( Q = 114 ) HIGHER THAN girls ( Q = 86 ).
- In HPCE, boys ( Q = 106 ) HIGHER THAN girls ( Q = 90 ).
- Recommendation (cf. HK): Weak, improve particularly girls.
- Recommendation (cf. HPCE): Weak, improve particularly girls.



	Girls	Boys
HPCE	90	106
HK	86	114
Your School	85	116

## Good At Working Out Problems (Solve Problems Well)

**Domains:** Mathematics

**Construct:** Students Confident in Mathematics

**Type:** Item

**Descriptions:** This item measures students' perceived ability to solve difficult mathematics problems. A higher Q-score/P-score indicates that students in your school perceive themselves as being better at working out difficult mathematics problems compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about mathematics?*

*I am good at working out difficult mathematics problems*

### Item Distribution of Your Students (%)

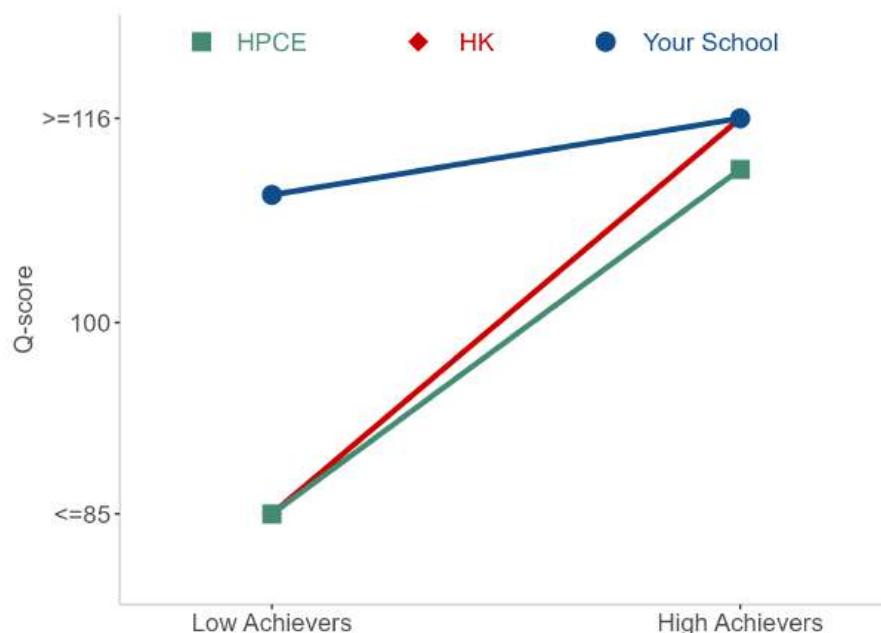
Options	Percentage
Agree a lot	43.14
Agree a little	35.29
Disagree a little	7.84
Disagree a lot	13.73

### Overall Performance

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 95 , while the P-score is 36.9 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

## Difference between Low/High Achievers (Solve Problems Well)

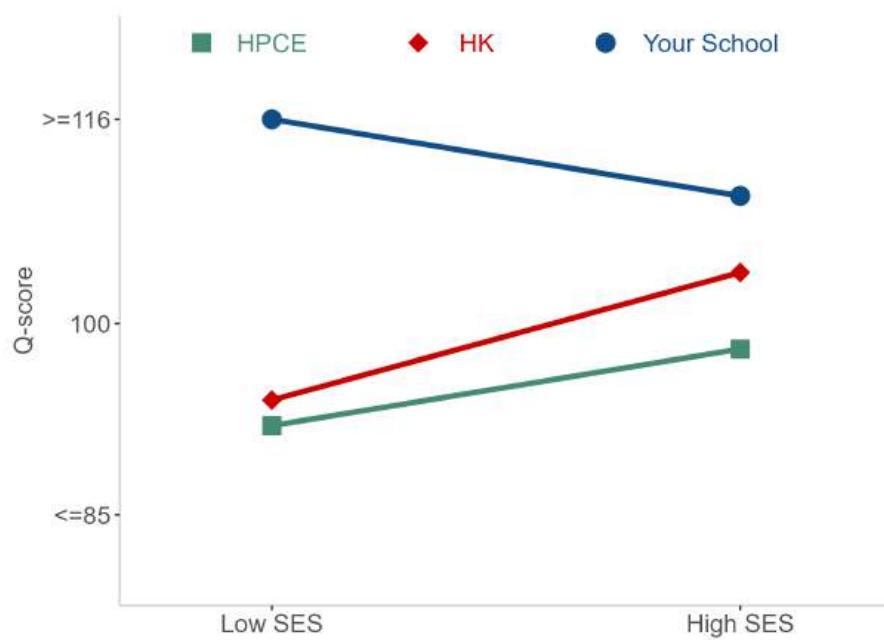
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 110$  ).
- In HK, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	85	112
HK	85	116
Your School	110	116

## Difference between Low/High SES (Solve Problems Well)

- In your school, high SES ( Q = 110 ) LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 92 ).
- Recommendation (cf. HK): Average, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	92	98
HK	94	104
Your School	116	110

## Difference between Boys/Girls (Solve Problems Well)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 100 ).
- In HK, boys ( Q = 110 ) HIGHER THAN girls ( Q = 88 ).
- In HPCE, boys ( Q = 103 ) HIGHER THAN girls ( Q = 87 ).
- Recommendation (cf. HK): Weak, improve particularly girls.
- Recommendation (cf. HPCE): Weak, improve particularly girls.



	Girls	Boys
HPCE	87	103
HK	88	110
Your School	100	116

## No Mathematics Harder For Me (Math Is Not Harder)

**Domains:** Mathmatics

**Construct:** Students Confident in Mathematics

**Type:** Item

**Descriptions:** This item measures students' perceived relative difficulty of mathematics compared to other subjects. A higher Q-score/P-score indicates that students in your school perceive mathematics as NOT being harder for them compared to other subjects compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about mathematics?*

*Mathematics is harder for me than any other subject*

### Item Distribution of Your Students (%)

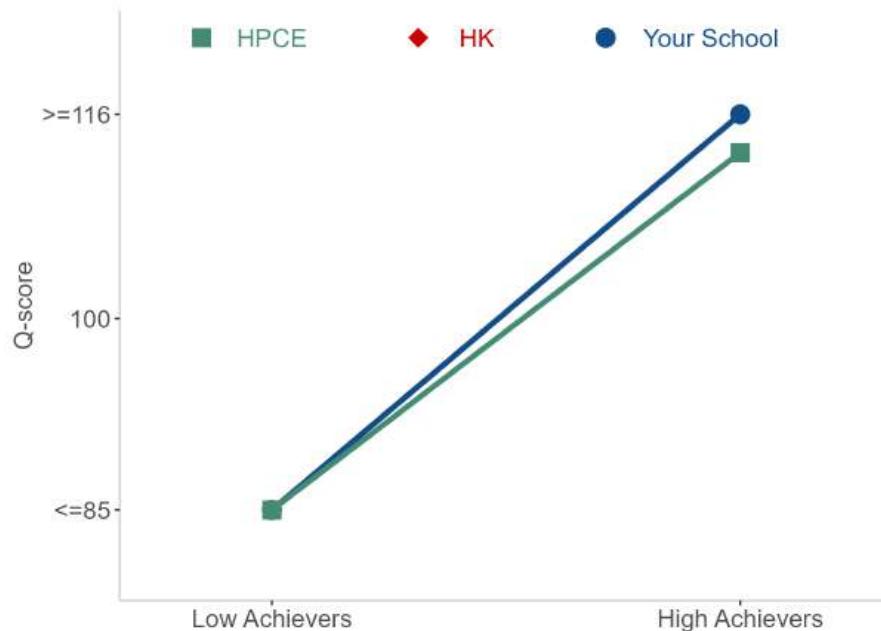
Options	Percentage
Agree a lot	20.75
Agree a little	26.42
Disagree a little	11.32
Disagree a lot	41.51

### Overall Performance

- Your school has Q-score 98 , P-score 44.7 .
- In HPCE, the median school Q-score is 94 , while the P-score is 34.5 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Math Is Not Harder)

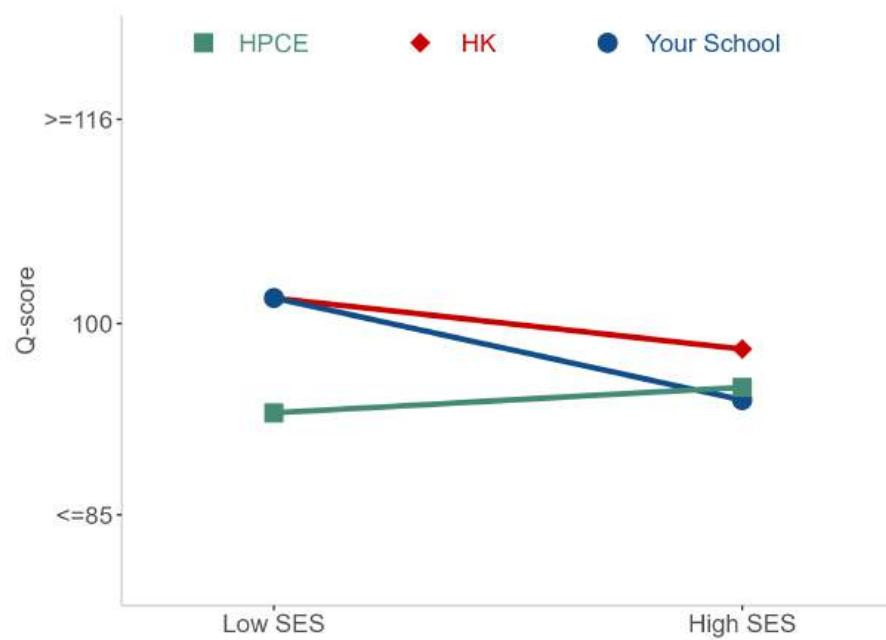
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	85	113
HK	85	116
Your School	85	116

## Difference between Low/High SES (Math Is Not Harder)

- In your school, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 102 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 95 ) SIMILAR TO low SES ( Q = 93 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	93	95
HK	102	98
Your School	102	94

## Difference between Boys/Girls (Math Is Not Harder)

- In your school, boys ( Q = 92 ) LOWER THAN girls ( Q = 104 ).
- In HK, boys ( Q = 108 ) HIGHER THAN girls ( Q = 92 ).
- In HPCE, boys ( Q = 98 ) SIMILAR TO girls ( Q = 90 ).
- Recommendation (cf. HK): Good, improve boys.
- Recommendation (cf. HPCE): Good, improve boys.



	Girls	Boys
HPCE	90	98
HK	92	108
Your School	104	92

## No Mat Makes Confused (Not Confusing)

**Domains:** Mathematics

**Construct:** Students Confident in Mathematics

**Type:** Item

**Descriptions:** This item measures students' perceptions of confusion in mathematics. A higher Q-score/P-score indicates that students in your school perceive LOWER levels of confusion in mathematics compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about mathematics?*

*Mathematics makes me confused*

### Item Distribution of Your Students (%)

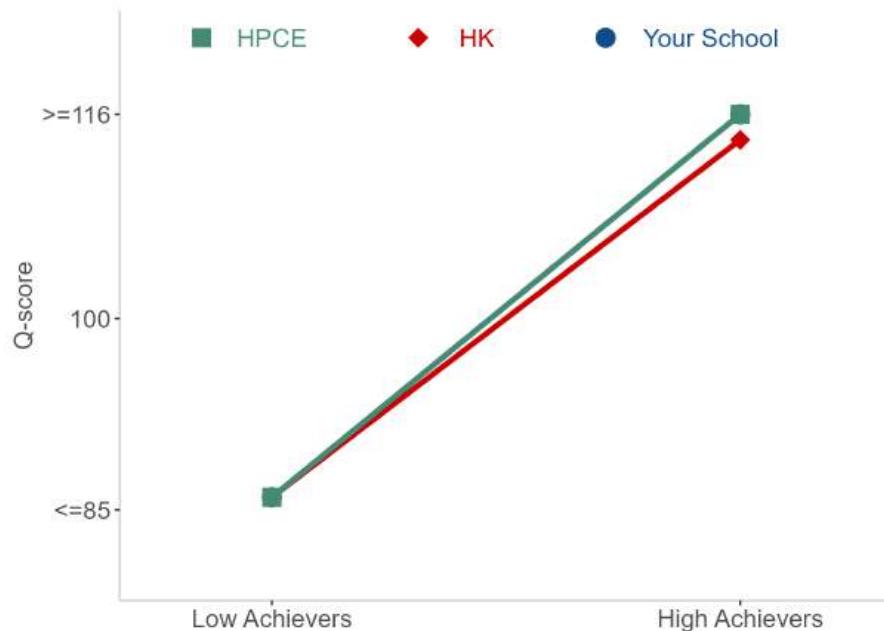
Options	Percentage
Agree a lot	15.09
Agree a little	28.30
Disagree a little	15.09
Disagree a lot	41.51

### Overall Performance

- Your school has Q-score 103 , P-score 57.9 .
- In HPCE, the median school Q-score is 101 , while the P-score is 52.7 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Not Confusing)

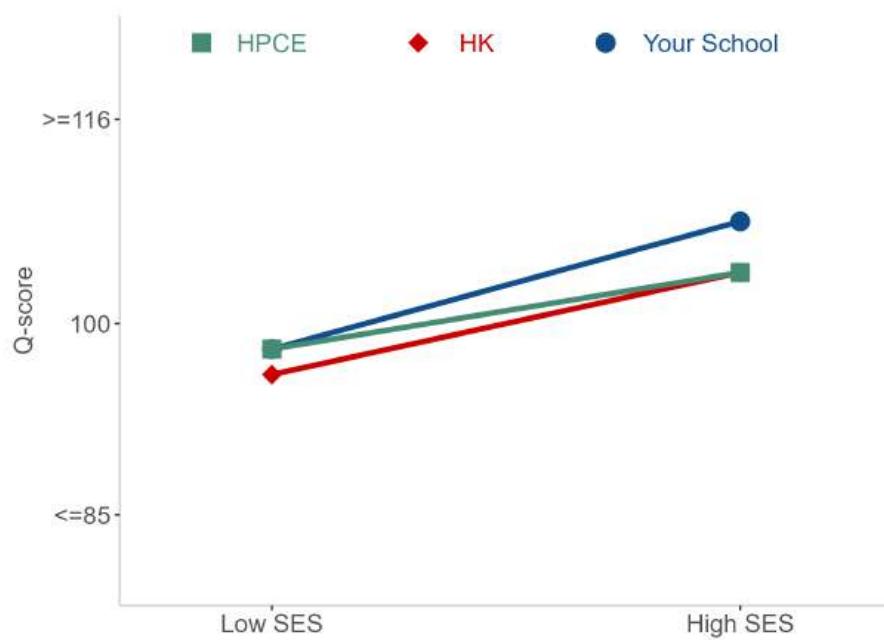
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HK, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	86	116
HK	86	114
Your School	86	116

## Difference between Low/High SES (Not Confusing)

- In your school, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 98 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 98 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	98	104
HK	96	104
Your School	98	108

## Difference between Boys/Girls (Not Confusing)

- In your school, boys ( Q = 93 ) LOWER THAN girls ( Q = 113 ).
- In HK, boys ( Q = 102 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	98	104
HK	98	102
Your School	113	93

## V. Results: Science

## **Instructional Clarity in Science Lessons (Clear Sci Instruction)**

**Domains:** Science

**Construct:** Instructional Clarity in Science Lessons

**Type:** Scale

**Descriptions:** This scale measures the perceived clarity of instruction in science lessons. A higher Q-score/P-score indicates that students in your school perceive higher levels of instructional clarity in science lessons compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

I know what my teacher expects me to do

My teacher is easy to understand

My teacher has clear answers to my questions

My teacher is good at explaining science

My teacher does a variety of things to help us learn

My teacher explains a topic again when we don't understand

My teacher gives me helpful feedback on my work

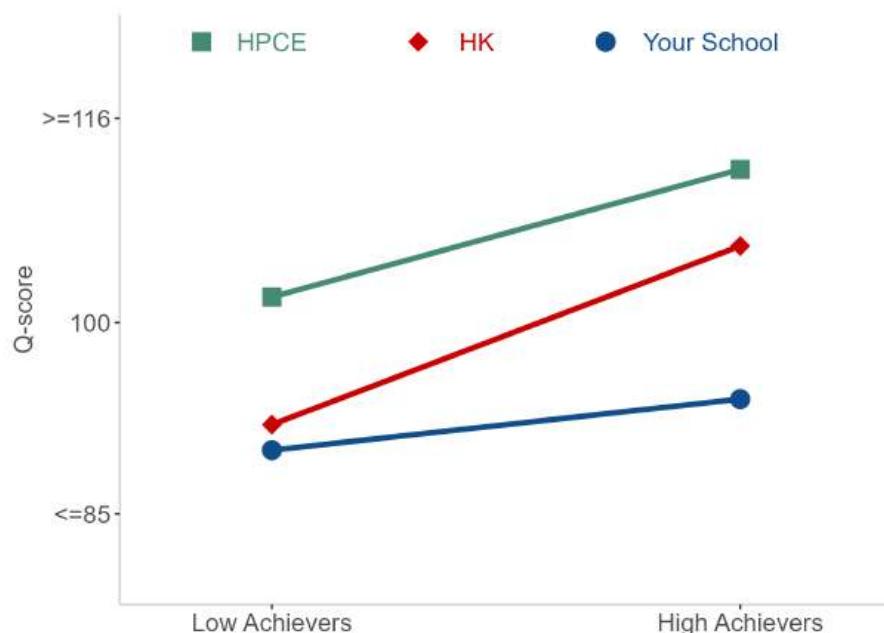
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 92 , P-score 29.7 .
- In HPCE, the median school Q-score is 107 , while the P-score is 68 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Clear Sci Instruction)

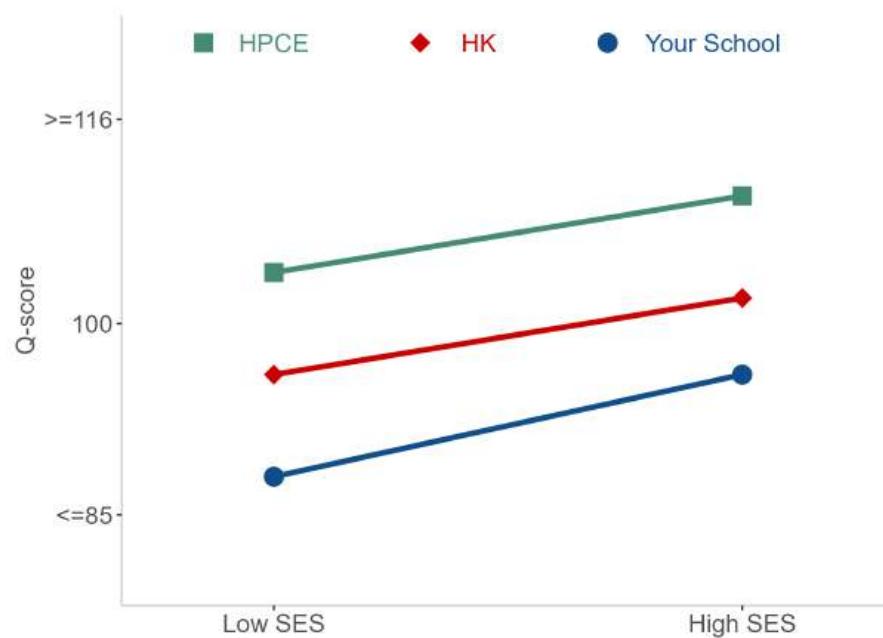
- In your school, high achievers ( Q = 94 ) SIMILAR TO low achievers ( Q = 90 ).
- In HK, high achievers ( Q = 106 ) HIGHER THAN low achievers ( Q = 92 ).
- In HPCE, high achievers ( Q = 112 ) HIGHER THAN low achievers ( Q = 102 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	102	112
HK	92	106
Your School	90	94

## Difference between Low/High SES (Clear Sci Instruction)

- In your school, high SES ( Q = 96 ) HIGHER THAN low SES ( Q = 88 ).
- In HK, high SES ( Q = 102 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 110 ) SIMILAR TO low SES ( Q = 104 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	104	110
HK	96	102
Your School	88	96

## Difference between Boys/Girls (Clear Sci Instruction)

- In your school, boys ( Q = 86 ) LOWER THAN girls ( Q = 98 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 99 ).
- In HPCE, boys ( Q = 106 ) SIMILAR TO girls ( Q = 108 ).
- Recommendation (cf. HK): Good, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	108	106
HK	99	99
Your School	98	86

## **Teacher Makes It Clear (Clear Teaching)**

**Domains:** Science

**Construct:** Instructional Clarity in Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived clarity of teacher expectations in science. A higher Q-score/P-score indicates that students in your school perceive greater clarity of teacher expectations in science compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your science lessons?*

*I know what my teacher expects me to do*

### **Item Distribution of Your Students (%)**

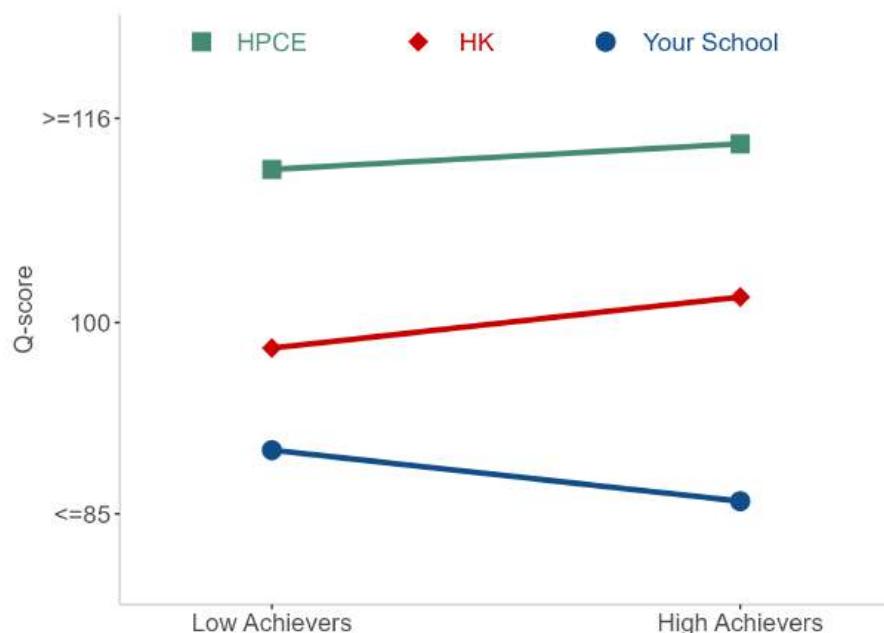
Options	Percentage
Agree a lot	58.49
Agree a little	26.42
Disagree a little	3.77
Disagree a lot	11.32

### **Overall Performance**

- Your school has Q-score 88 , P-score 21.2 .
- In HPCE, the median school Q-score is 113 , while the P-score is 80.7 .
- Recommendation (cf. HK): Slightly weak, IMPROVE SUBSTANTIALLY.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

## Difference between Low/High Achievers (Clear Teaching)

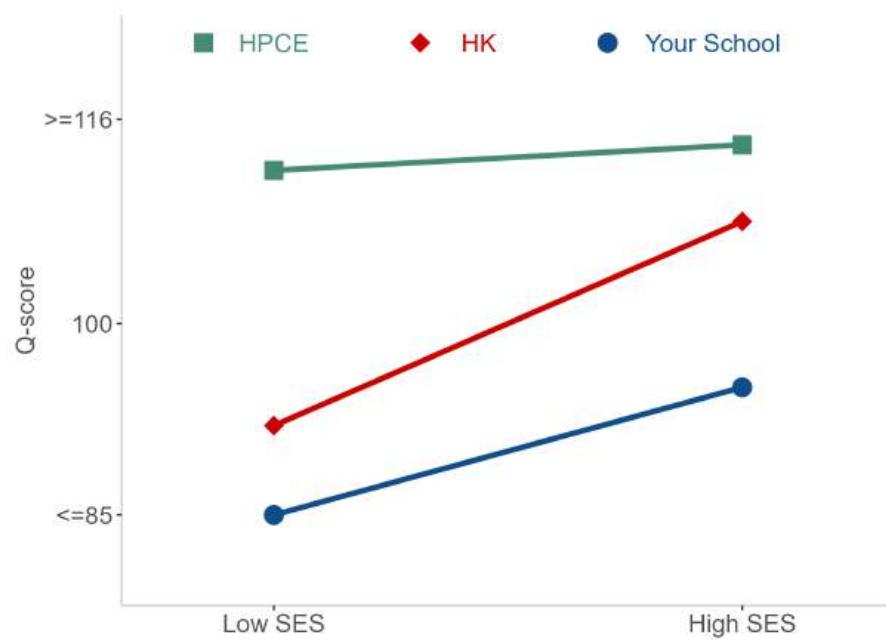
- In your school, high achievers ( Q = 86 ) SIMILAR TO low achievers ( Q = 90 ).
- In HK, high achievers ( Q = 102 ) SIMILAR TO low achievers ( Q = 98 ).
- In HPCE, high achievers ( Q = 114 ) SIMILAR TO low achievers ( Q = 112 ).
- Recommendation (cf. HK): Slightly weak, improve the whole school, particularly high achievers.
- Recommendation (cf. HPCE): Slightly weak, improve the whole school, particularly high achievers.



	Low Achievers	High Achievers
HPCE	112	114
HK	98	102
Your School	90	86

## Difference between Low/High SES (Clear Teaching)

- In your school, high SES ( Q = 95 ) HIGHER THAN low SES ( Q = 85 ).
- In HK, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 92 ).
- In HPCE, high SES ( Q = 114 ) SIMILAR TO low SES ( Q = 112 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	112	114
HK	92	108
Your School	85	95

## Difference between Boys/Girls (Clear Teaching)

- In your school, boys ( Q = 85 ) SIMILAR TO girls ( Q = 92 ).
- In HK, boys ( Q = 97 ) SIMILAR TO girls ( Q = 103 ).
- In HPCE, boys ( Q = 114 ) SIMILAR TO girls ( Q = 112 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	112	114
HK	103	97
Your School	92	85

## **Teacher Is Easy To Understand (Easy To Understand)**

**Domains:** Science

**Construct:** Instructional Clarity in Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher clarity in science. A higher Q-score/P-score indicates that students in your school perceive their science teacher as being easier to understand compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your science lessons?*

*My teacher is easy to understand*

### **Item Distribution of Your Students (%)**

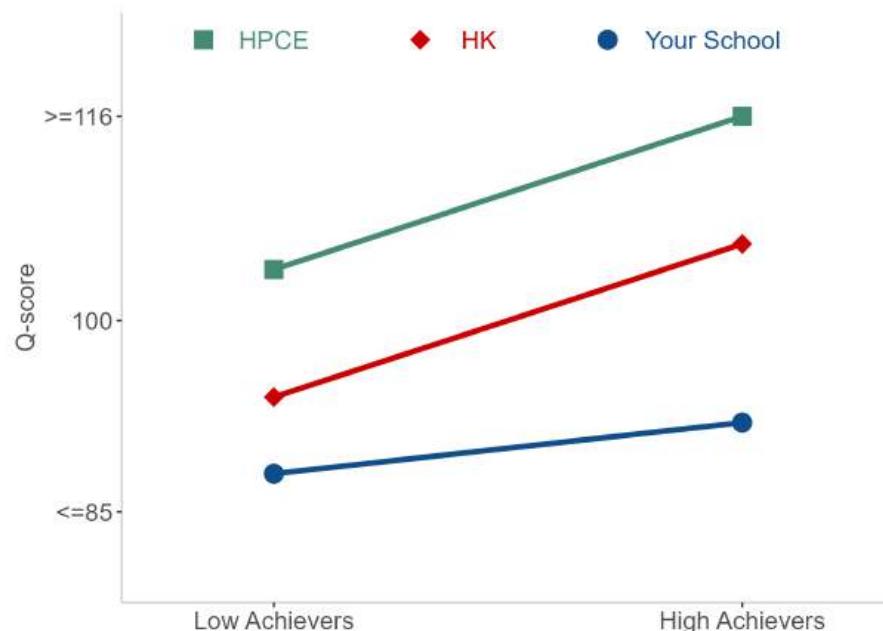
Options	Percentage
Agree a lot	56.60
Agree a little	26.42
Disagree a little	5.66
Disagree a lot	11.32

### **Overall Performance**

- Your school has Q-score 90 , P-score 25.2 .
- In HPCE, the median school Q-score is 110 , while the P-score is 74.8 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Easy To Understand)

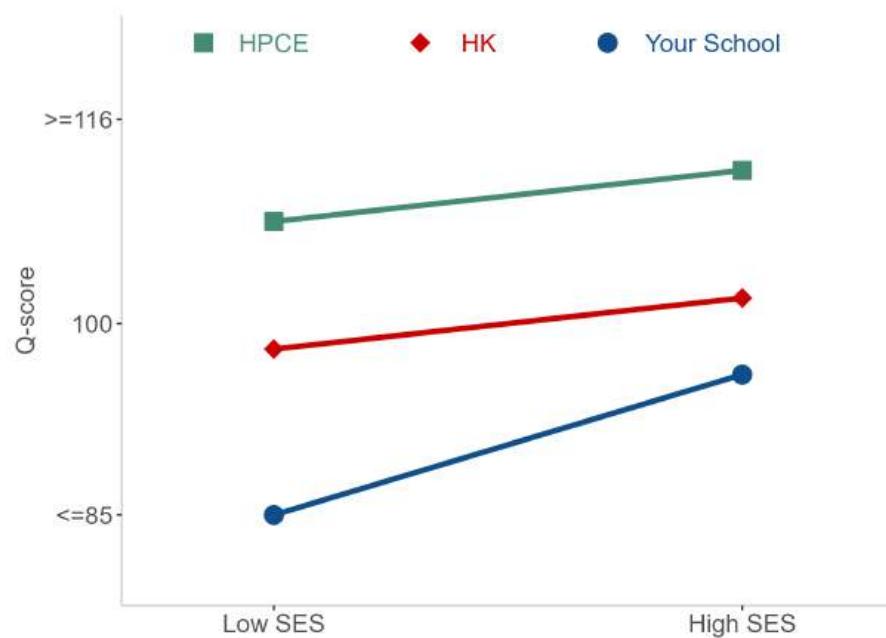
- In your school, high achievers ( Q = 92 ) SIMILAR TO low achievers ( Q = 88 ).
- In HK, high achievers ( Q = 106 ) HIGHER THAN low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 116 ) HIGHER THAN low achievers ( Q = 104 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	104	116
HK	94	106
Your School	88	92

## Difference between Low/High SES (Easy To Understand)

- In your school, high SES ( Q = 96 ) HIGHER THAN low SES ( Q = 85 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 112 ) SIMILAR TO low SES ( Q = 108 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	108	112
HK	98	102
Your School	85	96

## Difference between Boys/Girls (Easy To Understand)

- In your school, boys ( Q = 85 ) SIMILAR TO girls ( Q = 96 ).
- In HK, boys ( Q = 101 ) SIMILAR TO girls ( Q = 99 ).
- In HPCE, boys ( Q = 110 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	110	110
HK	99	101
Your School	96	85

## Teacher Clear Answers (Clear Answers)

**Domains:** Science

**Construct:** Instructional Clarity in Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher responsiveness to student questions in science. A higher Q-score/P-score indicates that students in your school perceive their science teacher as providing clearer answers to their questions compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your science lessons?*

*My teacher has clear answers to my questions*

### Item Distribution of Your Students (%)

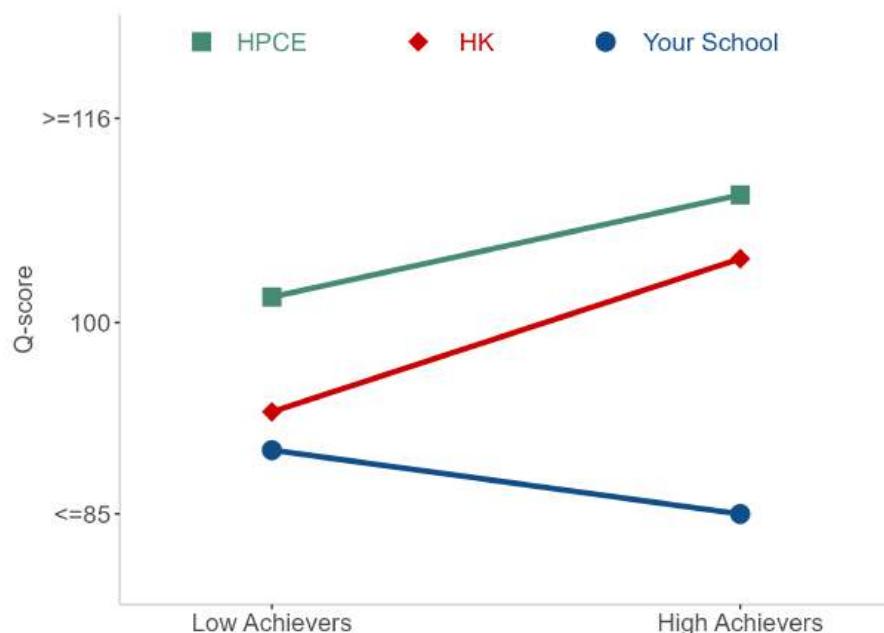
Options	Percentage
Agree a lot	54.72
Agree a little	28.30
Disagree a little	5.66
Disagree a lot	11.32

### Overall Performance

- Your school has Q-score 87 , P-score 19.3 .
- In HPCE, the median school Q-score is 106 , while the P-score is 65.5 .
- Recommendation (cf. HK): Slightly weak, IMPROVE SUBSTANTIALLY.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

### Difference between Low/High Achievers (Clear Answers)

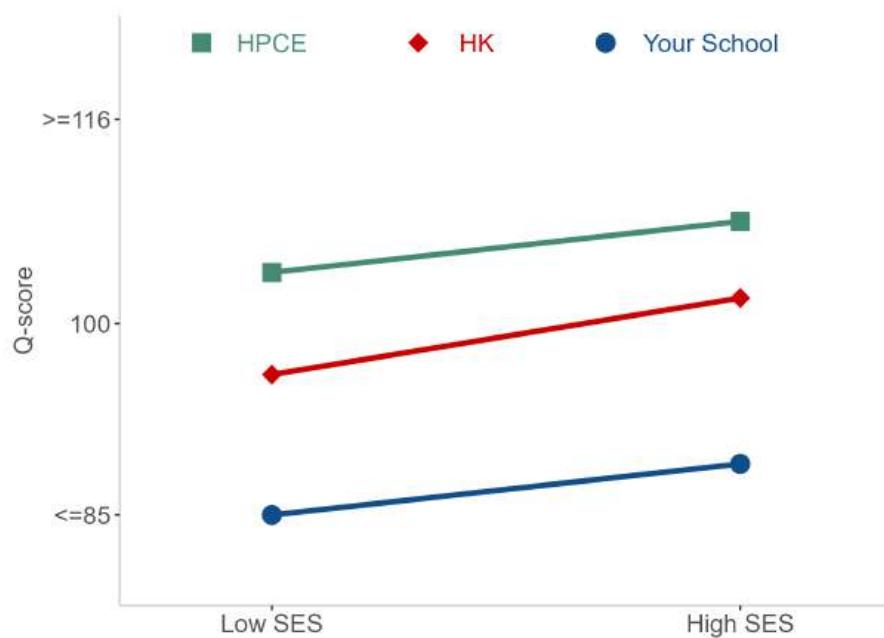
- In your school, high achievers ( Q = 85 ) SIMILAR TO low achievers ( Q = 90 ).
- In HK, high achievers ( Q = 105 ) SIMILAR TO low achievers ( Q = 93 ).
- In HPCE, high achievers ( Q = 110 ) SIMILAR TO low achievers ( Q = 102 ).
- Recommendation (cf. HK): Slightly weak, improve the whole school, particularly high achievers.
- Recommendation (cf. HPCE): Slightly weak, improve the whole school, particularly high achievers.



	Low Achievers	High Achievers
HPCE	102	110
HK	93	105
Your School	90	85

### Difference between Low/High SES (Clear Answers)

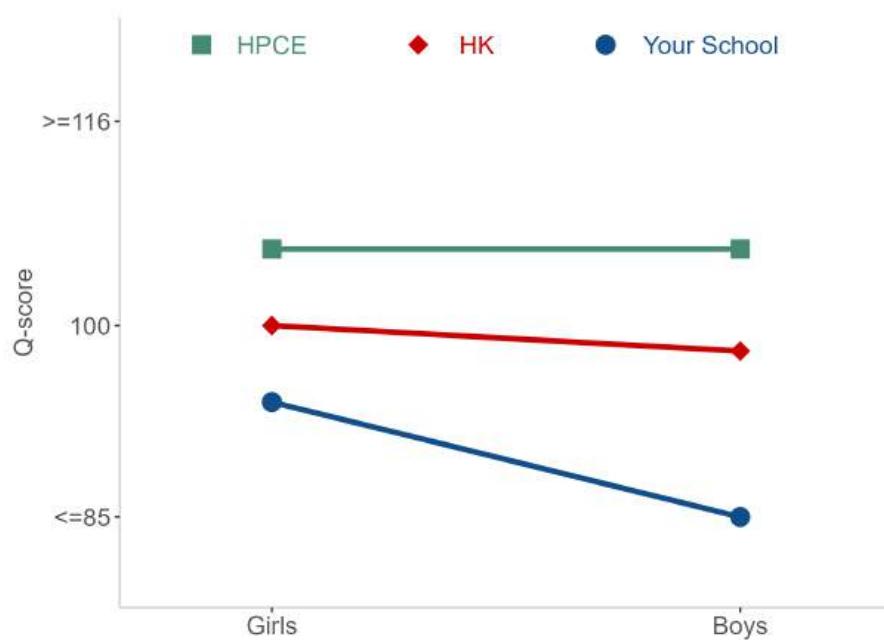
- In your school, high SES ( Q = 89 ) SIMILAR TO low SES ( Q = 85 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 104 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	104	108
HK	96	102
Your School	85	89

### Difference between Boys/Girls (Clear Answers)

- In your school, boys ( Q = 85 ) LOWER THAN girls ( Q = 94 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 106 ) SIMILAR TO girls ( Q = 106 ).
- Recommendation (cf. HK): Good, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	106	106
HK	100	98
Your School	94	85

## **Teacher Good At Explaining (Good Explaining)**

**Domains:** Science

**Construct:** Instructional Clarity in Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher effectiveness in explaining science. A higher Q-score/P-score indicates that students in your school perceive their science teacher as being better at explaining science compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your science lessons?*

*My teacher is good at explaining science*

### **Item Distribution of Your Students (%)**

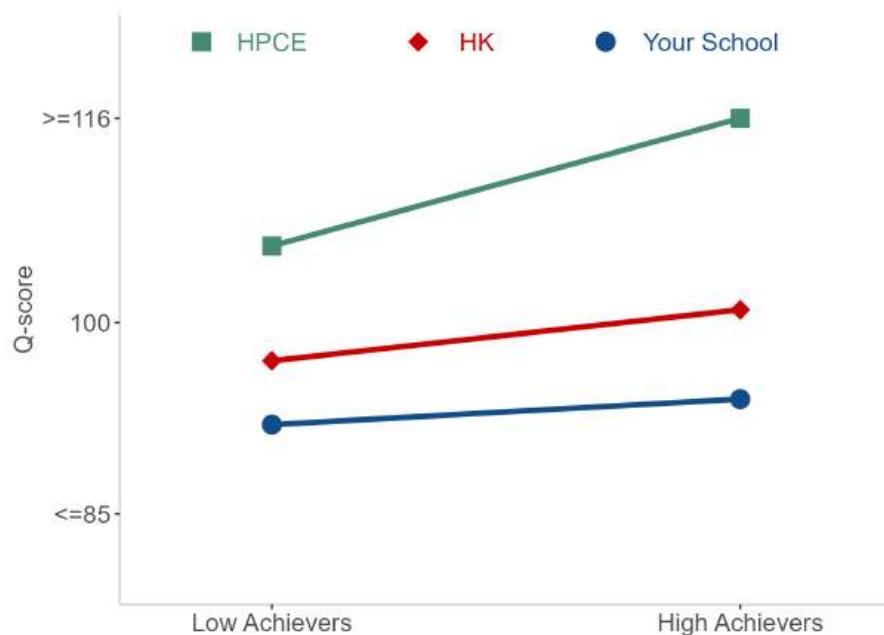
Options	Percentage
Agree a lot	60.38
Agree a little	22.64
Disagree a little	7.55
Disagree a lot	9.43

### **Overall Performance**

- Your school has Q-score 93 , P-score 32 .
- In HPCE, the median school Q-score is 111 , while the P-score is 76.8 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

### Difference between Low/High Achievers (Good Explaining)

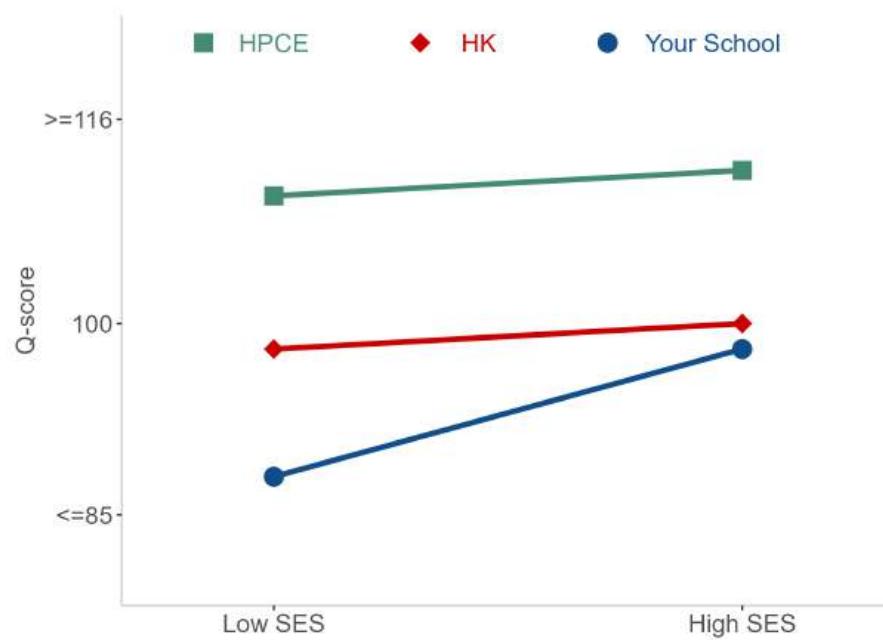
- In your school, high achievers ( Q = 94 ) SIMILAR TO low achievers ( Q = 92 ).
- In HK, high achievers ( Q = 101 ) SIMILAR TO low achievers ( Q = 97 ).
- In HPCE, high achievers ( Q = 116 ) HIGHER THAN low achievers ( Q = 106 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	106	116
HK	97	101
Your School	92	94

## Difference between Low/High SES (Good Explaining)

- In your school, high SES ( Q = 98 ) HIGHER THAN low SES ( Q = 88 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 112 ) SIMILAR TO low SES ( Q = 110 ).
- Recommendation (cf. HK): Slightly weak, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	110	112
HK	98	100
Your School	86	98

### Difference between Boys/Girls (Good Explaining)

- In your school, boys ( Q = 90 ) SIMILAR TO girls ( Q = 96 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 110 ) SIMILAR TO girls ( Q = 112 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	112	110
HK	102	96
Your School	96	90

## Different Things To Help (Varied Teaching)

**Domains:** Science

**Construct:** Instructional Clarity in Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher use of varied instructional strategies in science. A higher Q-score/P-score indicates that students in your school perceive their science teacher as using a greater variety of instructional strategies compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your science lessons?*

*My teacher does a variety of things to help us learn*

### Item Distribution of Your Students (%)

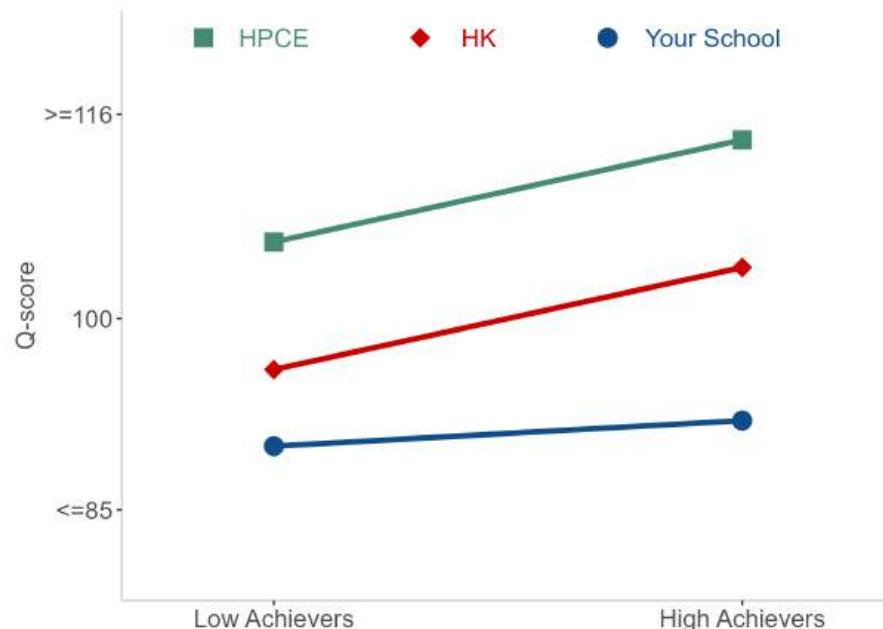
Options	Percentage
Agree a lot	58.49
Agree a little	26.42
Disagree a little	5.66
Disagree a lot	9.43

### Overall Performance

- Your school has Q-score 91 , P-score 27.4 .
- In HPCE, the median school Q-score is 110 , while the P-score is 74.8 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Varied Teaching)

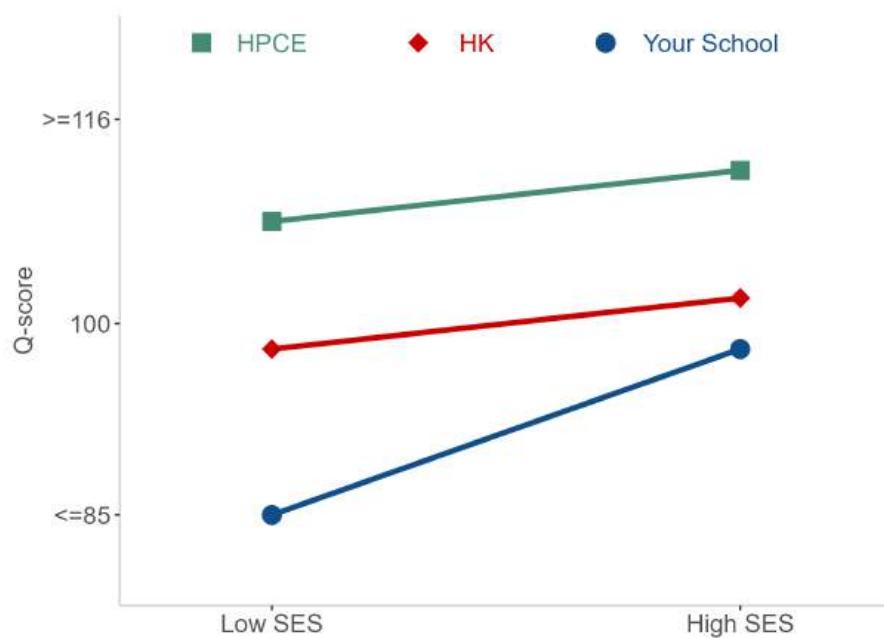
- In your school, high achievers ( Q = 92 ) SIMILAR TO low achievers ( Q = 90 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 96 ).
- In HPCE, high achievers ( Q = 114 ) SIMILAR TO low achievers ( Q = 106 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	106	114
HK	96	104
Your School	90	92

## Difference between Low/High SES (Varied Teaching)

- In your school, high SES ( Q = 98 ) HIGHER THAN low SES ( Q = 85 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 112 ) SIMILAR TO low SES ( Q = 108 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	108	112
HK	98	102
Your School	85	98

## Difference between Boys/Girls (Varied Teaching)

- In your school, boys ( Q = 85 ) LOWER THAN girls ( Q = 100 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 108 ) SIMILAR TO girls ( Q = 112 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	112	108
HK	101	99
Your School	100	85

## **Teacher Explains Again (Explains Again)**

**Domains:** Science

**Construct:** Instructional Clarity in Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived teacher responsiveness to student learning needs in science. A higher Q-score/P-score indicates that students in your school perceive their science teacher as being more responsive to their learning needs by re-explaining topics compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your science lessons?*

*My teacher explains a topic again when we don't understand*

### **Item Distribution of Your Students (%)**

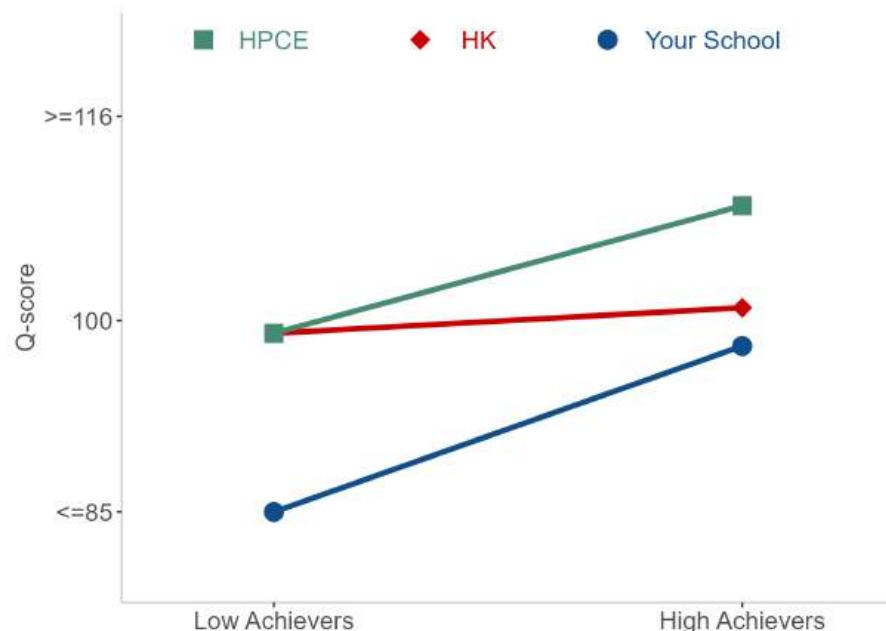
Options	Percentage
Agree a lot	56.60
Agree a little	26.42
Disagree a little	5.66
Disagree a lot	11.32

### **Overall Performance**

- Your school has Q-score 91 , P-score 27.4 .
- In HPCE, the median school Q-score is 104 , while the P-score is 60.5 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Explains Again)

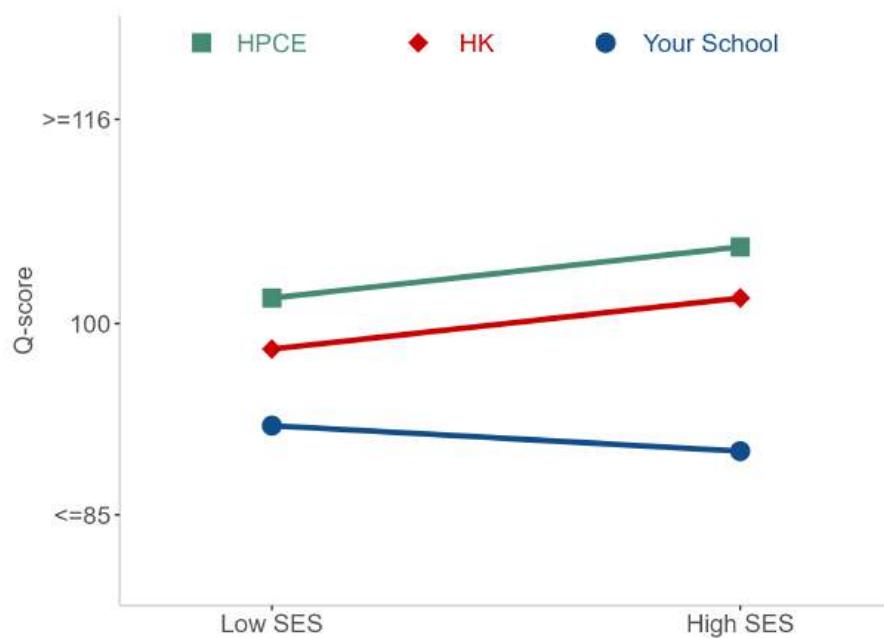
- In your school, high achievers ( Q = 98 ) HIGHER THAN low achievers ( Q = 85 ).
- In HK, high achievers ( Q = 101 ) SIMILAR TO low achievers ( Q = 99 ).
- In HPCE, high achievers ( Q = 109 ) SIMILAR TO low achievers ( Q = 99 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	99	109
HK	99	101
Your School	85	98

## Difference between Low/High SES (Explains Again)

- In your school, high SES ( Q = 90 ) SIMILAR TO low SES ( Q = 92 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 102 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	102	106
HK	98	102
Your School	92	90

## Difference between Boys/Girls (Explains Again)

- In your school, boys ( Q = 85 ) LOWER THAN girls ( Q = 98 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 100 ) SIMILAR TO girls ( Q = 108 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	108	100
HK	100	100
Your School	98	85

## **Teacher Gives Feedback (Feedback Given)**

**Domains:** Science

**Construct:** Instructional Clarity in Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceived quality of teacher feedback in science. A higher Q-score/P-score indicates that students in your school perceive their science teacher as providing more helpful feedback on their work compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about your science lessons?*

*My teacher gives me helpful feedback on my work*

### **Item Distribution of Your Students (%)**

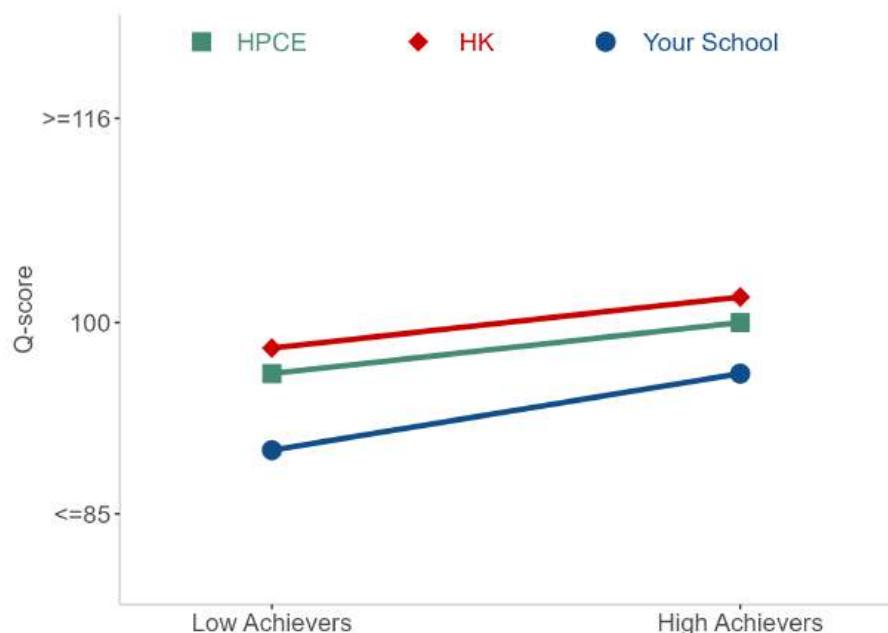
Options	Percentage
Agree a lot	58.49
Agree a little	22.64
Disagree a little	9.43
Disagree a lot	9.43

### **Overall Performance**

- Your school has Q-score 93 , P-score 32 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Feedback Given)

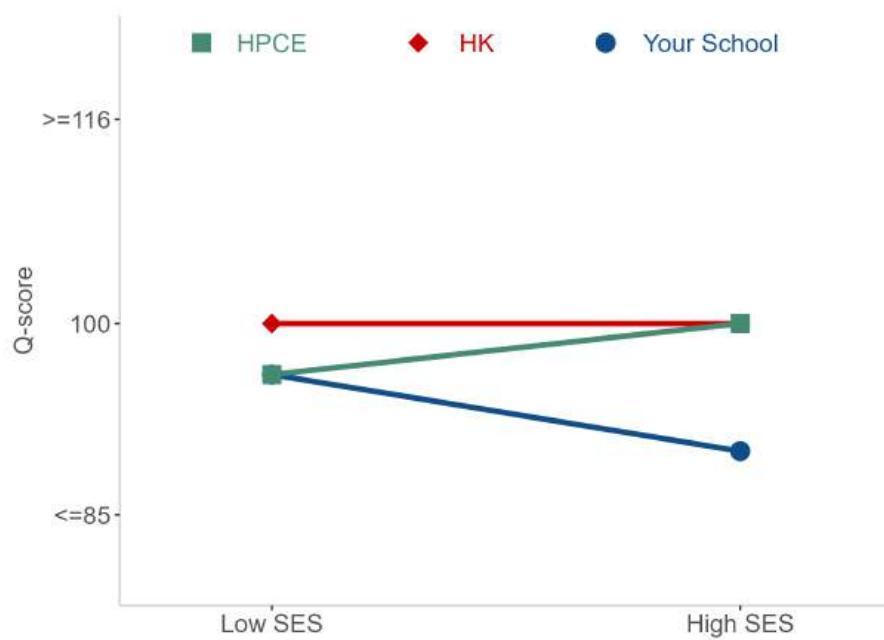
- In your school, high achievers ( Q = 96 ) SIMILAR TO low achievers ( Q = 90 ).
- In HK, high achievers ( Q = 102 ) SIMILAR TO low achievers ( Q = 98 ).
- In HPCE, high achievers ( Q = 100 ) SIMILAR TO low achievers ( Q = 96 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	96	100
HK	98	102
Your School	90	96

## Difference between Low/High SES (Feedback Given)

- In your school, high SES ( Q = 90 ) SIMILAR TO low SES ( Q = 96 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	96	100
HK	100	100
Your School	96	90

### Difference between Boys/Girls (Feedback Given)

- In your school, boys ( Q = 90 ) SIMILAR TO girls ( Q = 96 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 98 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	98	98
HK	100	100
Your School	96	90

## **Students Like Learning Science (Enjoy Sci Learning)**

**Domains:** Science

**Construct:** Students Like Learning Science

**Type:** Scale

**Descriptions:** This scale measures students' enjoyment of science learning. A higher Q-score/P-score indicates that students in your school have a higher liking for learning science compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

I learn many interesting things in science

I like science

I look forward to learning science in school

Science teaches me how things in the world work

Science is one of my favorite subjects

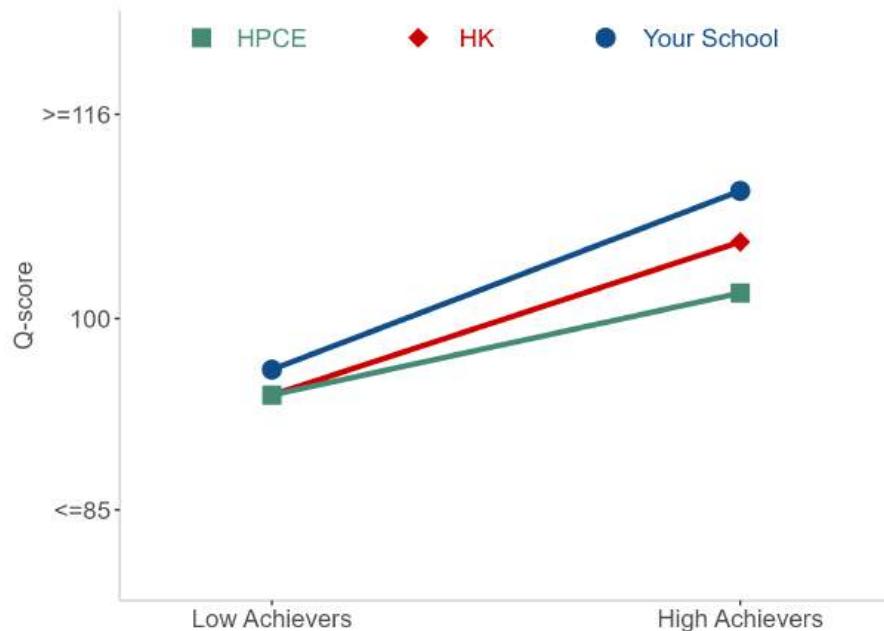
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 103 , P-score 57.9 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Enjoy Sci Learning)

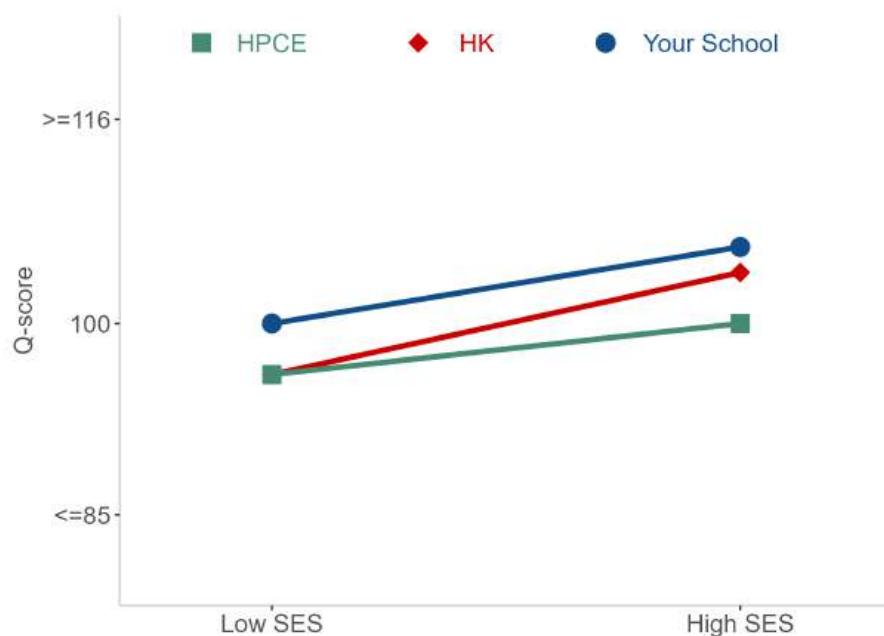
- In your school, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 96$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 102$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	94	102
HK	94	106
Your School	96	110

## Difference between Low/High SES (Enjoy Sci Learning)

- In your school, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 100 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	96	100
HK	96	104
Your School	100	106

### Difference between Boys/Girls (Enjoy Sci Learning)

- In your school, boys ( Q = 106 ) SIMILAR TO girls ( Q = 100 ).
- In HK, boys ( Q = 103 ) SIMILAR TO girls ( Q = 97 ).
- In HPCE, boys ( Q = 102 ) HIGHER THAN girls ( Q = 94 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	94	102
HK	97	103
Your School	100	106

## **Enjoy Learning Science (Enjoy Sci)**

**Domains:** Science

**Construct:** Students Like Learning Science

**Type:** Item

**Descriptions:** This item measures students' perceptions of the interest level of science. A higher Q-score/P-score indicates that students in your school perceive science as being more boring compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning science?*

*Science is boring*

### **Item Distribution of Your Students (%)**

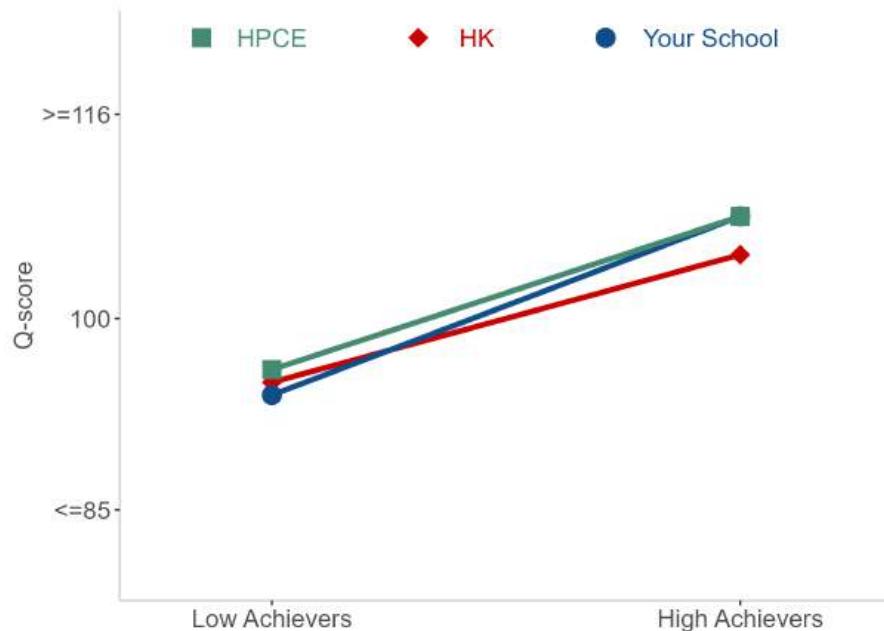
Options	Percentage
Agree a lot	58.49
Agree a little	28.30
Disagree a little	3.77
Disagree a lot	9.43

### **Overall Performance**

- Your school has Q-score 101 , P-score 52.7 .
- In HPCE, the median school Q-score is 102 , while the P-score is 55.3 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Enjoy Sci)

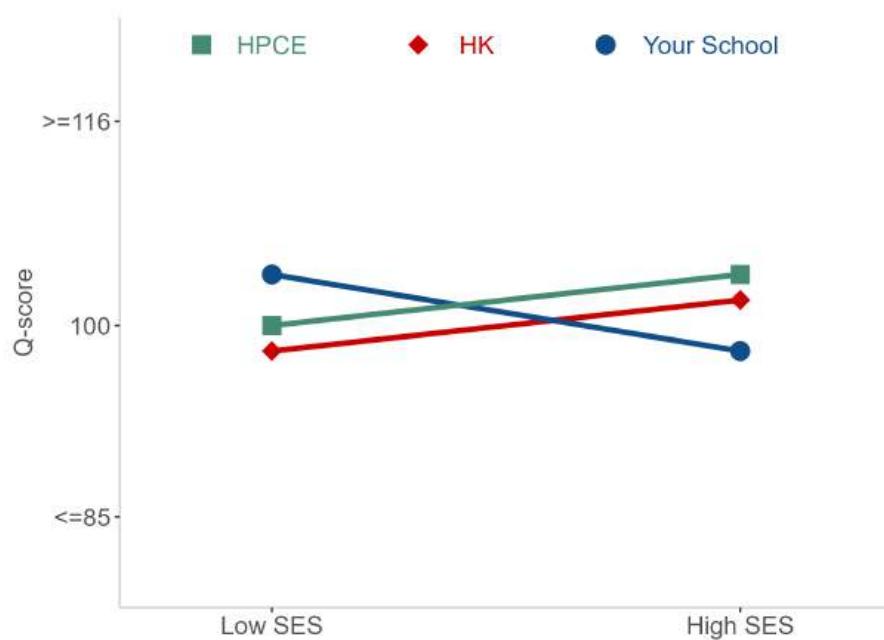
- In your school, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HK, high achievers (  $Q = 105$  ) HIGHER THAN low achievers (  $Q = 95$  ).
- In HPCE, high achievers (  $Q = 108$  ) SIMILAR TO low achievers (  $Q = 96$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	96	108
HK	95	105
Your School	94	108

## Difference between Low/High SES (Enjoy Sci)

- In your school, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 104 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 100 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	100	104
HK	98	102
Your School	104	98

## Difference between Boys/Girls (Enjoy Sci)

- In your school, boys ( Q = 109 ) HIGHER THAN girls ( Q = 93 ).
- In HK, boys ( Q = 102 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 107 ) SIMILAR TO girls ( Q = 97 ).
- Recommendation (cf. HK): Good, improve girls.
- Recommendation (cf. HPCE): Good, improve girls.



	Girls	Boys
HPCE	97	107
HK	98	102
Your School	93	109

## Learn Interesting Things (Sci Is Interesting)

**Domains:** Science

**Construct:** Students Like Learning Science

**Type:** Item

**Descriptions:** This item measures students' perceived learning opportunities in science. A higher Q-score/P-score indicates that students in your school perceive more opportunities to learn interesting things in science compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning science?*

*I learn many interesting things in science*

### Item Distribution of Your Students (%)

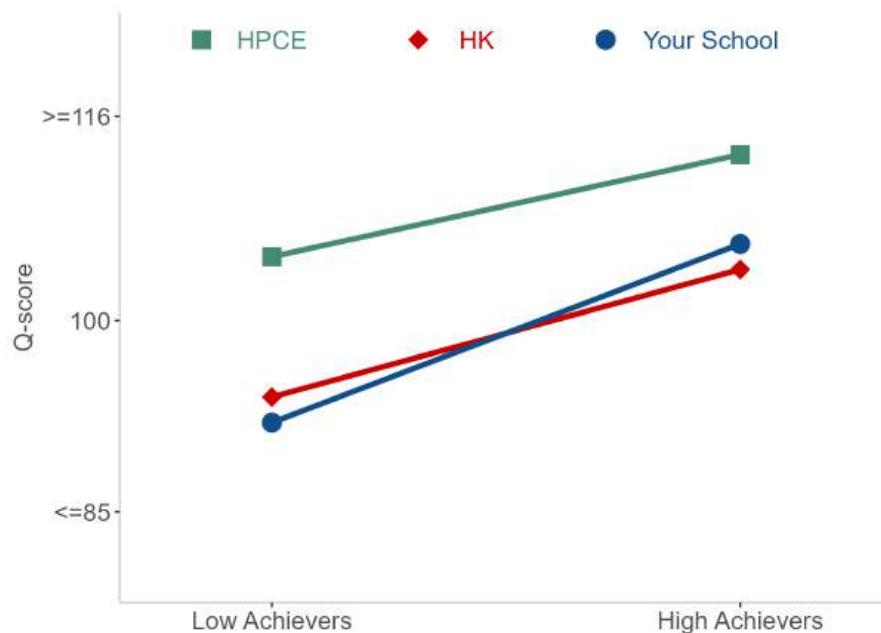
Options	Percentage
Agree a lot	58.49
Agree a little	28.30
Disagree a little	7.55
Disagree a lot	5.66

### Overall Performance

- Your school has Q-score 99 , P-score 47.3 .
- In HPCE, the median school Q-score is 109 , while the P-score is 72.6 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Sci Is Interesting)

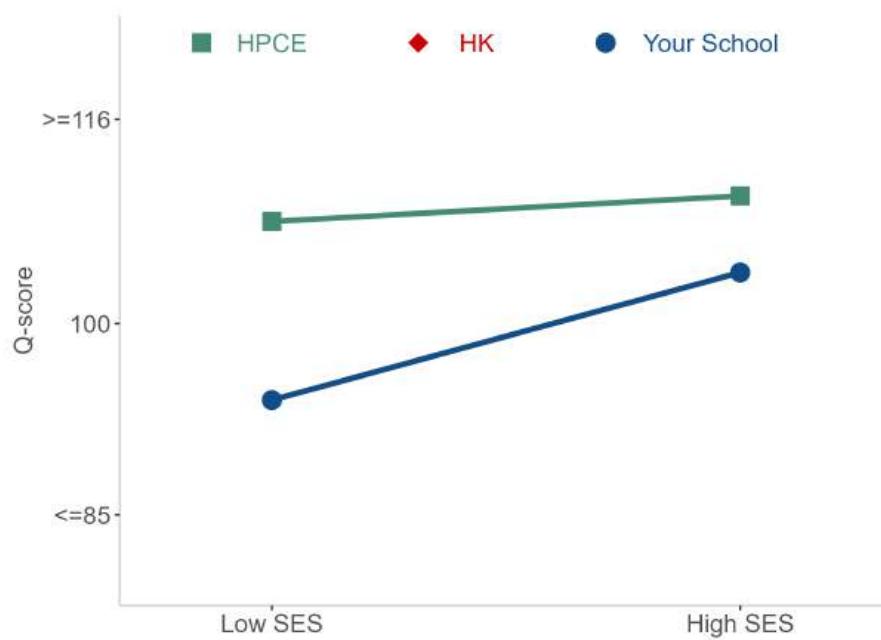
- In your school, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HK, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 105$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	105	113
HK	94	104
Your School	92	106

## Difference between Low/High SES (Sci Is Interesting)

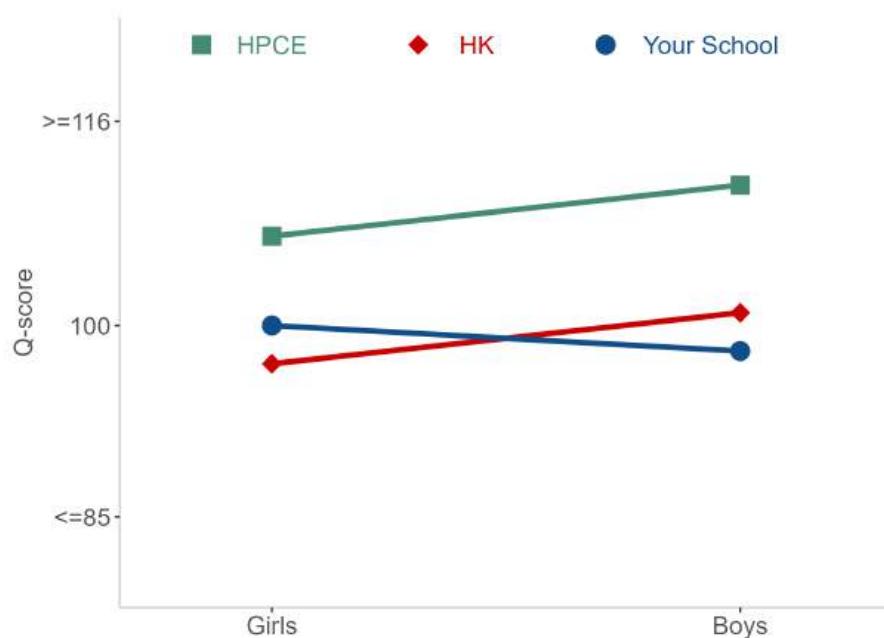
- In your school, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 94 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 110 ) SIMILAR TO low SES ( Q = 108 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	108	110
HK	94	104
Your School	88	104

### Difference between Boys/Girls (Sci Is Interesting)

- In your school, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HK, boys ( Q = 101 ) SIMILAR TO girls ( Q = 97 ).
- In HPCE, boys ( Q = 111 ) SIMILAR TO girls ( Q = 107 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	107	111
HK	97	101
Your School	100	98

## Like Science (Like Sci)

**Domains:** Science

**Construct:** Students Like Learning Science

**Type:** Item

**Descriptions:** This item measures students' liking of science. A higher Q-score/P-score indicates that students in your school have a higher liking of science compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning science?*

*I like science*

### Item Distribution of Your Students (%)

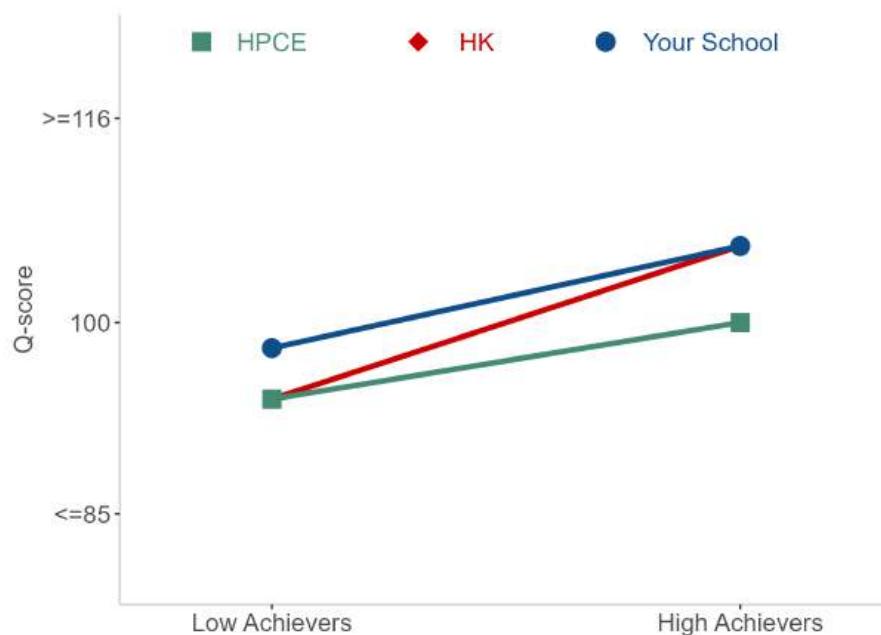
Options	Percentage
Agree a lot	56.60
Agree a little	28.30
Disagree a little	7.55
Disagree a lot	7.55

### Overall Performance

- Your school has Q-score 102 , P-score 55.3 .
- In HPCE, the median school Q-score is 97 , while the P-score is 42.1 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Like Sci)

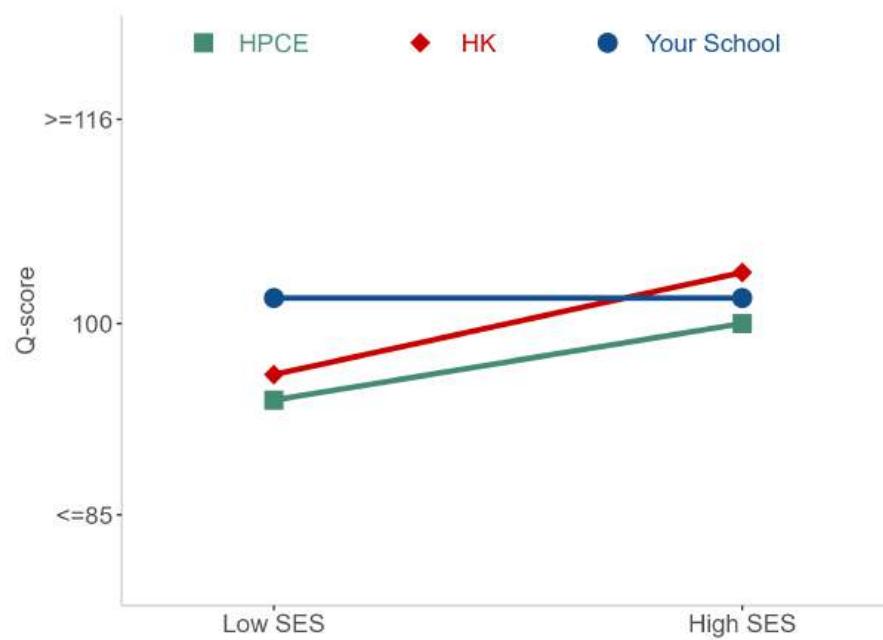
- In your school, high achievers (  $Q = 106$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 94$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	94	100
HK	94	106
Your School	98	106

## Difference between Low/High SES (Like Sci)

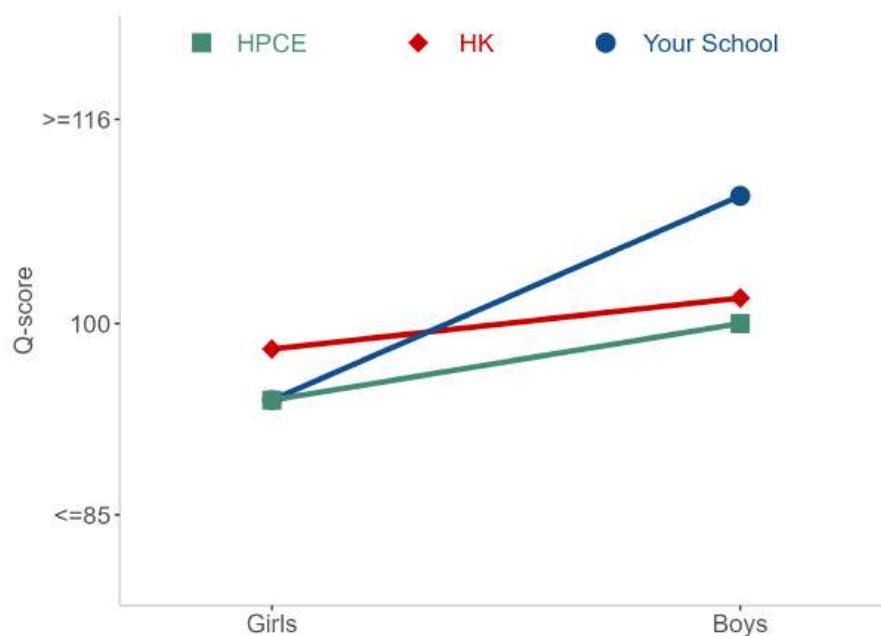
- In your school, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 102 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 94 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	94	100
HK	96	104
Your School	102	102

## Difference between Boys/Girls (Like Sci)

- In your school, boys ( Q = 110 ) HIGHER THAN girls ( Q = 94 ).
- In HK, boys ( Q = 102 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 100 ) HIGHER THAN girls ( Q = 94 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	94	100
HK	98	102
Your School	94	110

## **Look Forward To Learn Sci (Look Forward To Sci)**

**Domains:** Science

**Construct:** Students Like Learning Science

**Type:** Item

**Descriptions:** This item measures students' anticipation of science lessons. A higher Q-score/P-score indicates that students in your school have a higher anticipation of science lessons compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning science?*

*I look forward to learning science in school*

### **Item Distribution of Your Students (%)**

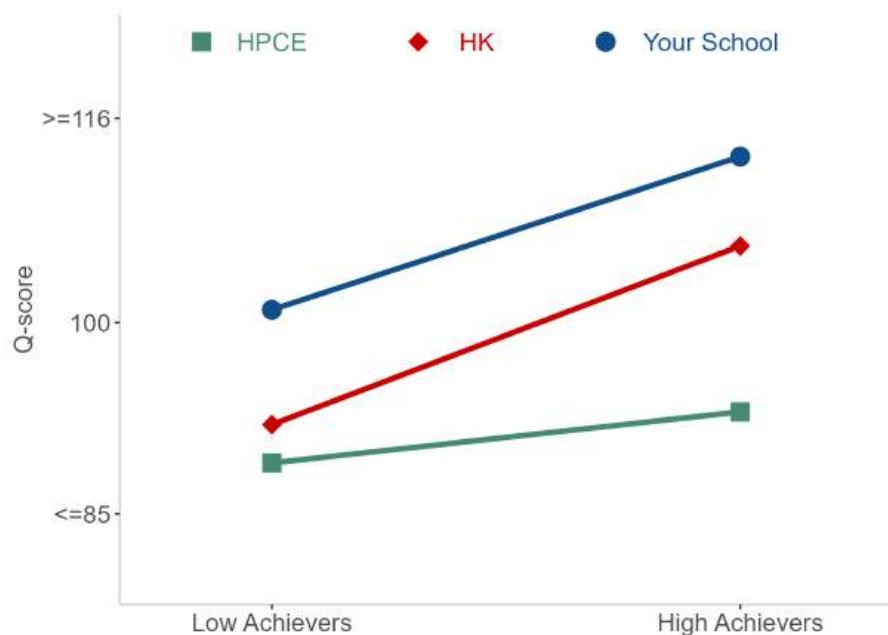
Options	Percentage
Agree a lot	58.49
Agree a little	24.53
Disagree a little	11.32
Disagree a lot	5.66

### **Overall Performance**

- Your school has Q-score 107 , P-score 68 .
- In HPCE, the median school Q-score is 91 , while the P-score is 27.4 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Look Forward To Sci)

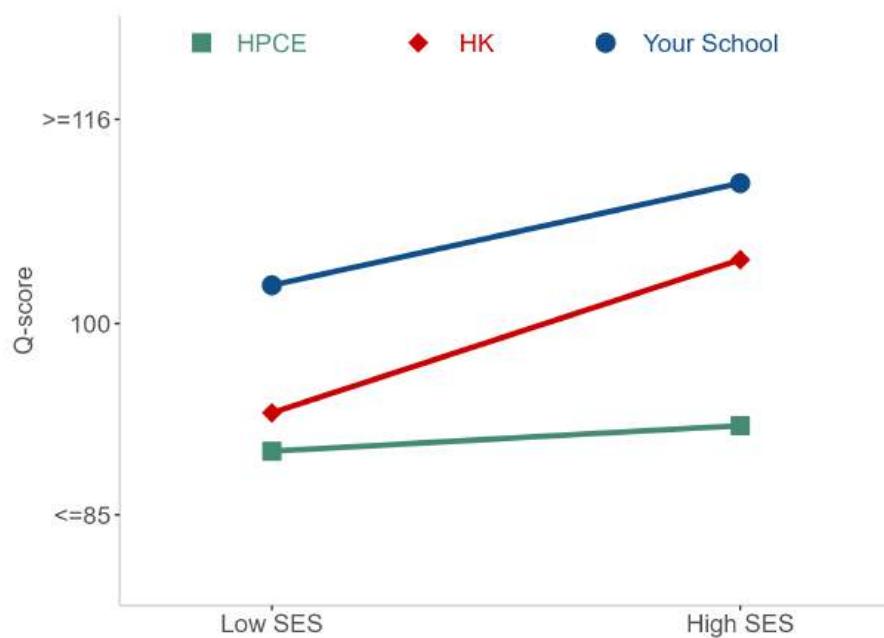
- In your school, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 101$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 93$  ) SIMILAR TO low achievers (  $Q = 89$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	89	93
HK	92	106
Your School	101	113

### Difference between Low/High SES (Look Forward To Sci)

- In your school, high SES ( Q = 111 ) SIMILAR TO low SES ( Q = 103 ).
- In HK, high SES ( Q = 105 ) HIGHER THAN low SES ( Q = 93 ).
- In HPCE, high SES ( Q = 92 ) SIMILAR TO low SES ( Q = 90 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	90	92
HK	93	105
Your School	103	111

## Difference between Boys/Girls (Look Forward To Sci)

- In your school, boys ( Q = 112 ) HIGHER THAN girls ( Q = 102 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 95 ) SIMILAR TO girls ( Q = 87 ).
- Recommendation (cf. HK): Good, improve girls.
- Recommendation (cf. HPCE): Good, improve girls.



	Girls	Boys
HPCE	87	95
HK	98	100
Your School	102	112

## How Things Work (Understand How)

**Domains:** Science

**Construct:** Students Like Learning Science

**Type:** Item

**Descriptions:** This item measures students' perceptions of the relevance of science to understanding the world. A higher Q-score/P-score indicates that students in your school perceive science as being more relevant to understanding how things in the world work compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning science?*

*Science teaches me how things in the world work*

### Item Distribution of Your Students (%)

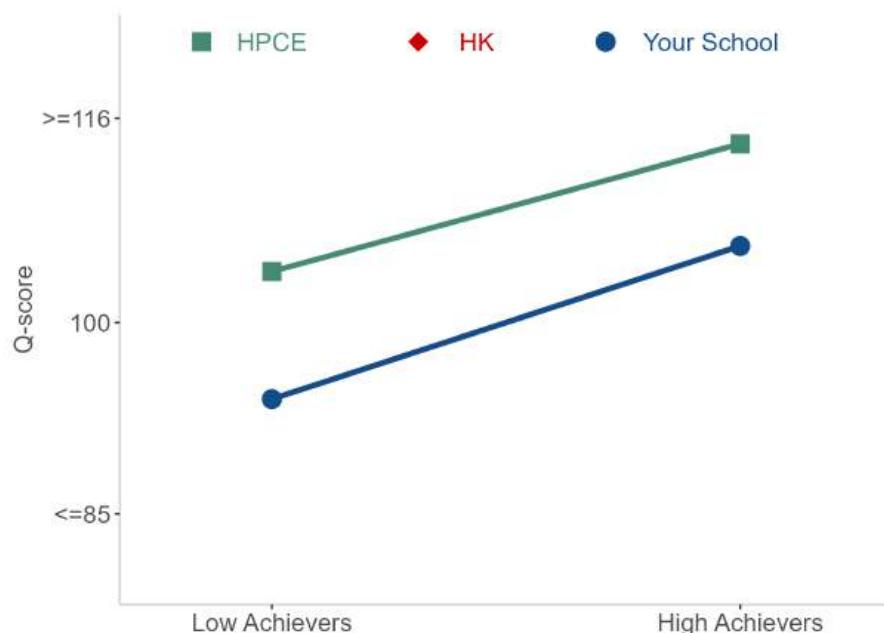
Options	Percentage
Agree a lot	54.72
Agree a little	32.08
Disagree a little	7.55
Disagree a lot	5.66

### Overall Performance

- Your school has Q-score 100 , P-score 50 .
- In HPCE, the median school Q-score is 109 , while the P-score is 72.6 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Understand How)

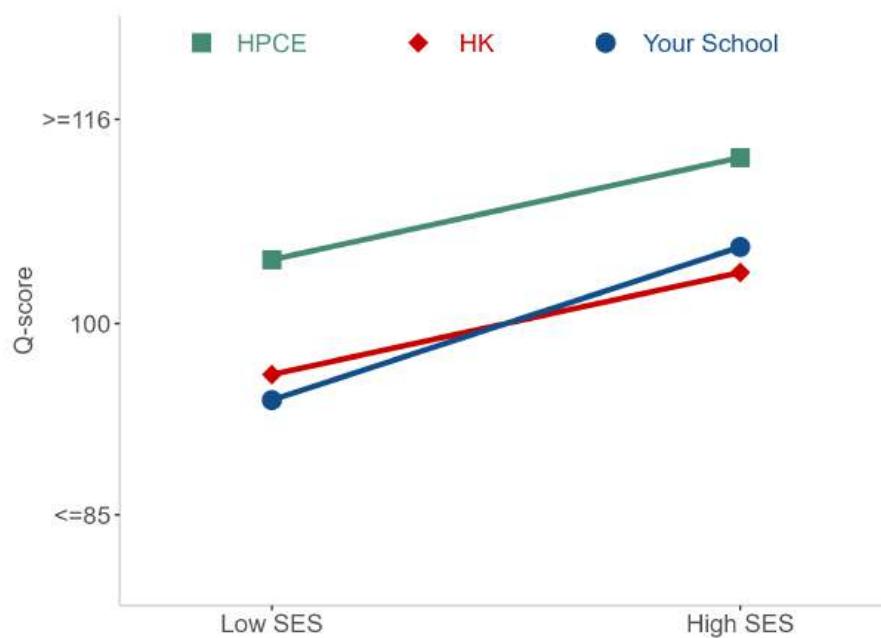
- In your school, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 114$  ) SIMILAR TO low achievers (  $Q = 104$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	104	114
HK	94	106
Your School	94	106

## Difference between Low/High SES (Understand How)

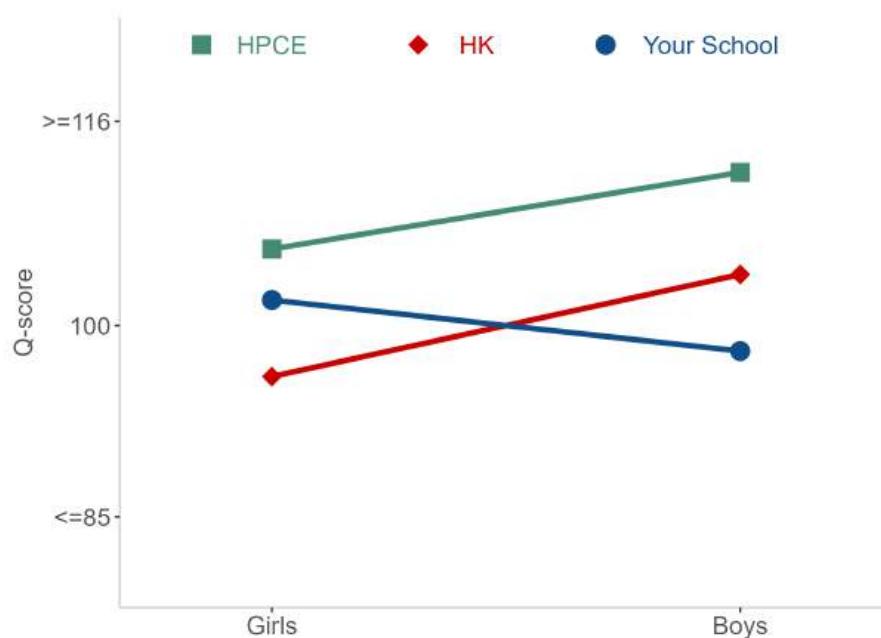
- In your school, high SES ( Q = 106 ) HIGHER THAN low SES ( Q = 94 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 113 ) SIMILAR TO low SES ( Q = 105 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	105	113
HK	96	104
Your School	94	106

### Difference between Boys/Girls (Understand How)

- In your school, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HK, boys ( Q = 104 ) HIGHER THAN girls ( Q = 96 ).
- In HPCE, boys ( Q = 112 ) SIMILAR TO girls ( Q = 106 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	106	112
HK	96	104
Your School	102	98

## **Favorite Subject (Favorite Subject)**

**Domains:** Science

**Construct:** Students Like Learning Science

**Type:** Item

**Descriptions:** This item measures students' preference for science as a subject. A higher Q-score/P-score indicates that students in your school have a higher preference for science as a subject compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about learning science?*

*Science is one of my favorite subjects*

### **Item Distribution of Your Students (%)**

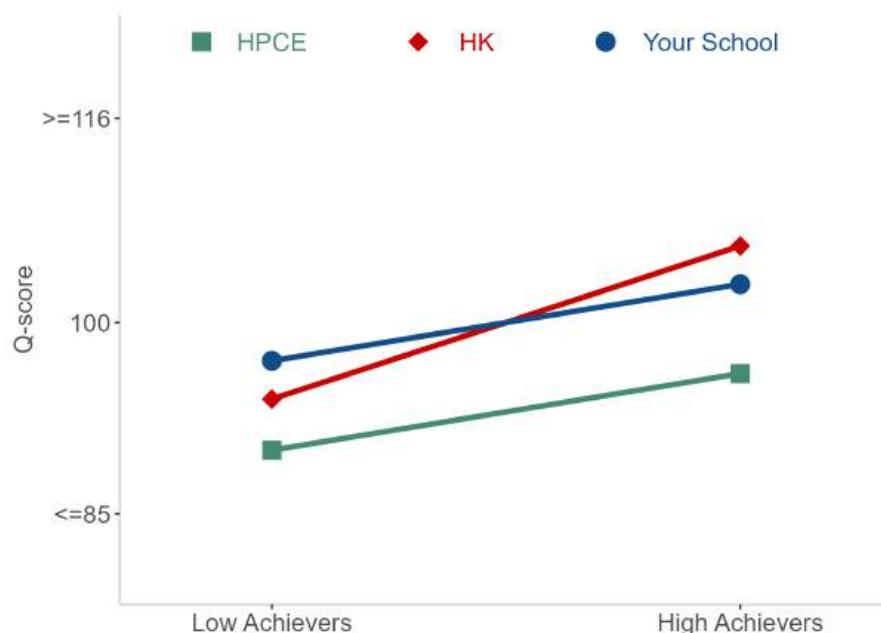
Options	Percentage
Agree a lot	45.28
Agree a little	33.96
Disagree a little	9.43
Disagree a lot	11.32

### **Overall Performance**

- Your school has Q-score 100 , P-score 50 .
- In HPCE, the median school Q-score is 93 , while the P-score is 32 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Favorite Subject)

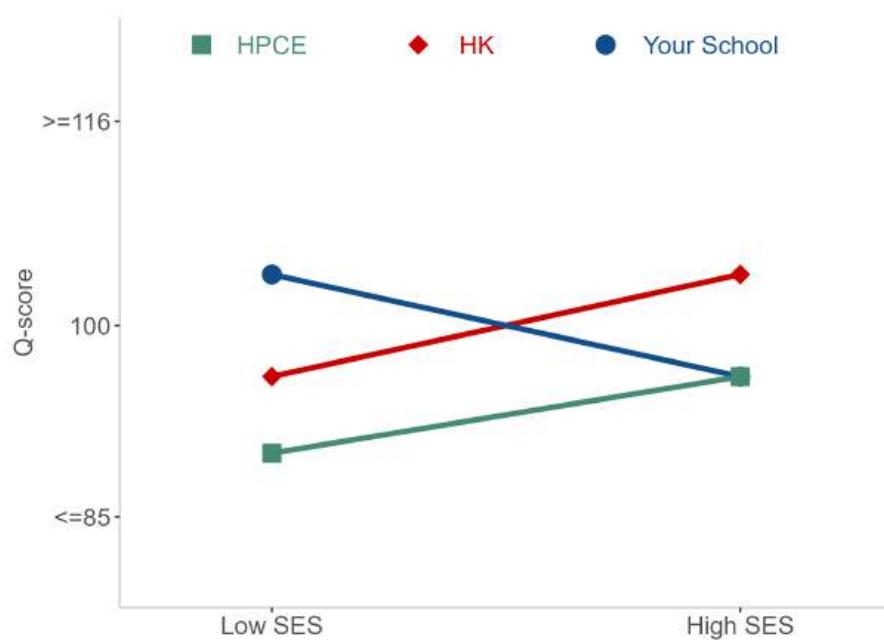
- In your school, high achievers ( Q = 103 ) SIMILAR TO low achievers ( Q = 97 ).
- In HK, high achievers ( Q = 106 ) HIGHER THAN low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 96 ) HIGHER THAN low achievers ( Q = 90 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	90	96
HK	94	106
Your School	97	103

## Difference between Low/High SES (Favorite Subject)

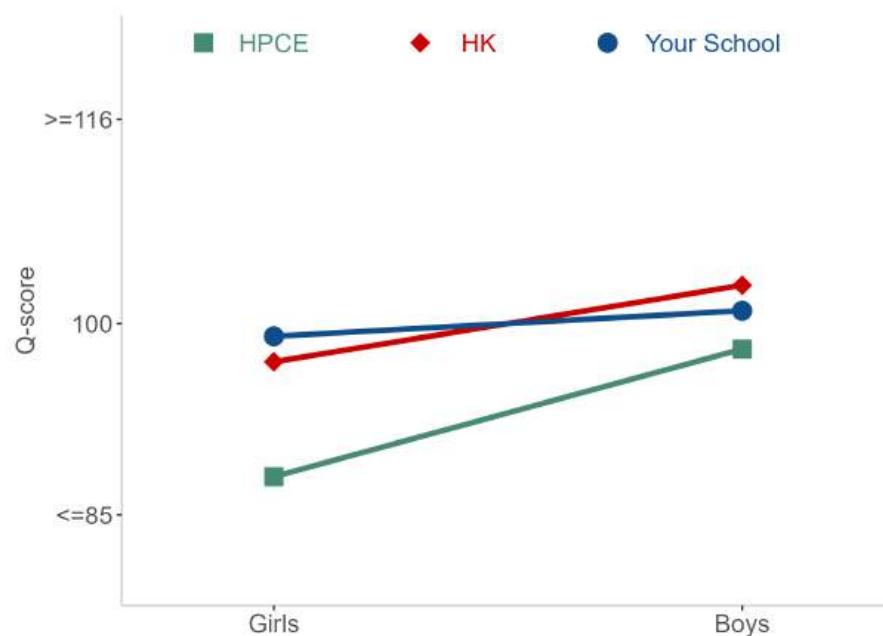
- In your school, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 104 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 90 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	90	96
HK	96	104
Your School	104	96

### Difference between Boys/Girls (Favorite Subject)

- In your school, boys ( Q = 101 ) SIMILAR TO girls ( Q = 99 ).
- In HK, boys ( Q = 103 ) SIMILAR TO girls ( Q = 97 ).
- In HPCE, boys ( Q = 98 ) HIGHER THAN girls ( Q = 88 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	88	98
HK	97	103
Your School	99	101

## **Students Confident in Science (Confident In Sci)**

**Domains:** Science

**Construct:** Students Confident in Science

**Type:** Scale

**Descriptions:** This scale measures students' self-confidence in their science abilities. A higher Q-score/P-score indicates that students in your school have higher levels of self-confidence in their science abilities compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

- I usually do well in science
- Science is more difficult for me than for many of my classmates
- I am just not good at science
- Science is easy for me
- Science is harder for me than any other subject
- Science makes me confused

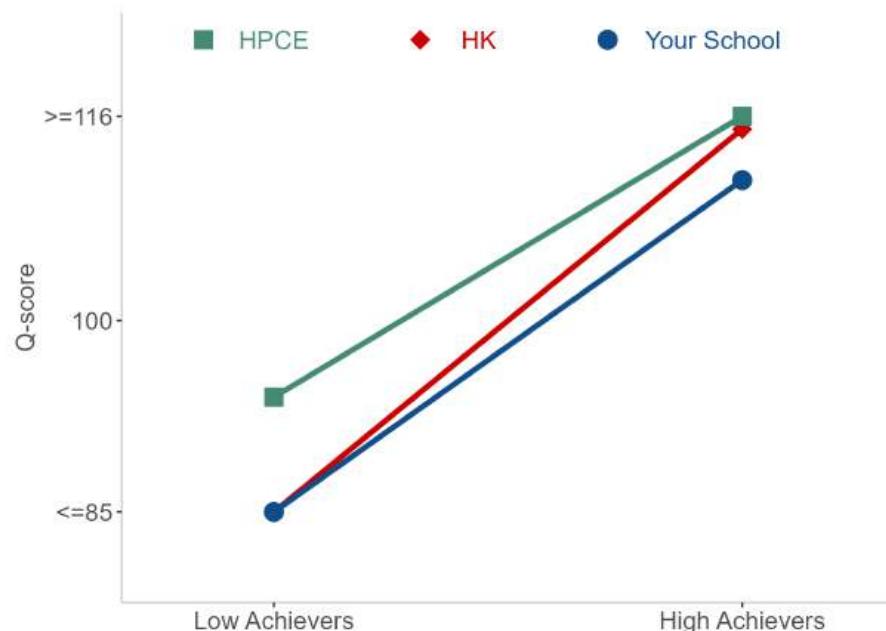
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 86 , P-score 17.5 .
- In HPCE, the median school Q-score is 112 , while the P-score is 78.8 .
- Recommendation (cf. HK): Slightly weak, IMPROVE SUBSTANTIALLY.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

### Difference between Low/High Achievers (Confident In Sci)

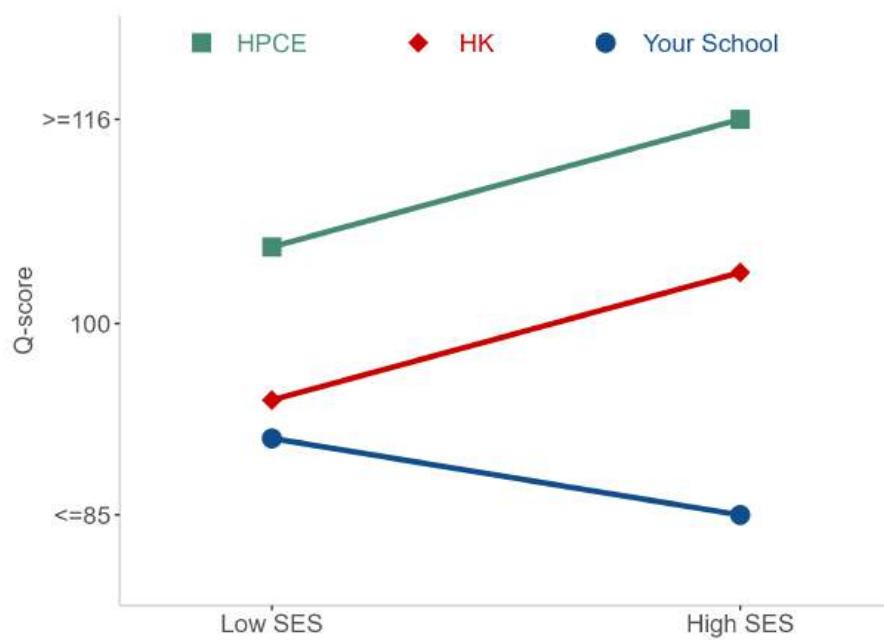
- In your school, high achievers ( Q = 111 ) HIGHER THAN low achievers ( Q = 85 ).
- In HK, high achievers ( Q = 115 ) HIGHER THAN low achievers ( Q = 85 ).
- In HPCE, high achievers ( Q = 116 ) HIGHER THAN low achievers ( Q = 94 ).
- Recommendation (cf. HK): Slightly weak, improve the whole school
- Recommendation (cf. HPCE): Slightly weak, improve the whole school



	Low Achievers	High Achievers
HPCE	94	116
HK	85	115
Your School	85	111

### Difference between Low/High SES (Confident In Sci)

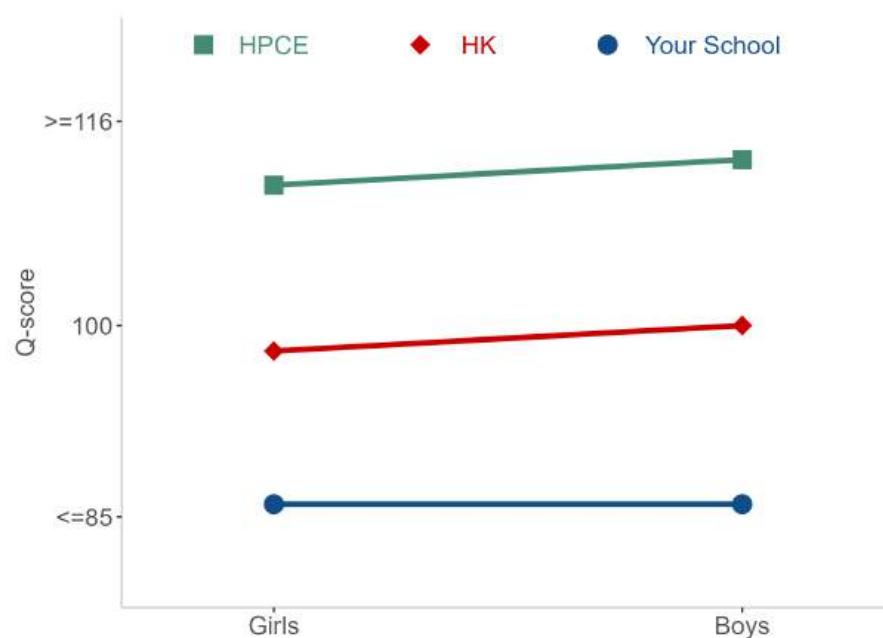
- In your school, high SES ( Q = 85 ) LOWER THAN low SES ( Q = 91 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 106 ).
- Recommendation (cf. HK): Good, improve high SES students.
- Recommendation (cf. HPCE): Good, improve high SES students.



	Low SES	High SES
HPCE	106	116
HK	94	104
Your School	85	91

### Difference between Boys/Girls (Confident In Sci)

- In your school, boys ( Q = 86 ) SIMILAR TO girls ( Q = 86 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 113 ) SIMILAR TO girls ( Q = 111 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	111	113
HK	98	100
Your School	86	86

## **Usually Do Well In Science (Do Well In Sci)**

**Domains:** Science

**Construct:** Students Confident in Science

**Type:** Item

**Descriptions:** This item measures students' perceived self-efficacy in science. A higher Q-score/P-score indicates that students in your school have higher perceived self-efficacy in science compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about science?*

*I usually do well in science*

### **Item Distribution of Your Students (%)**

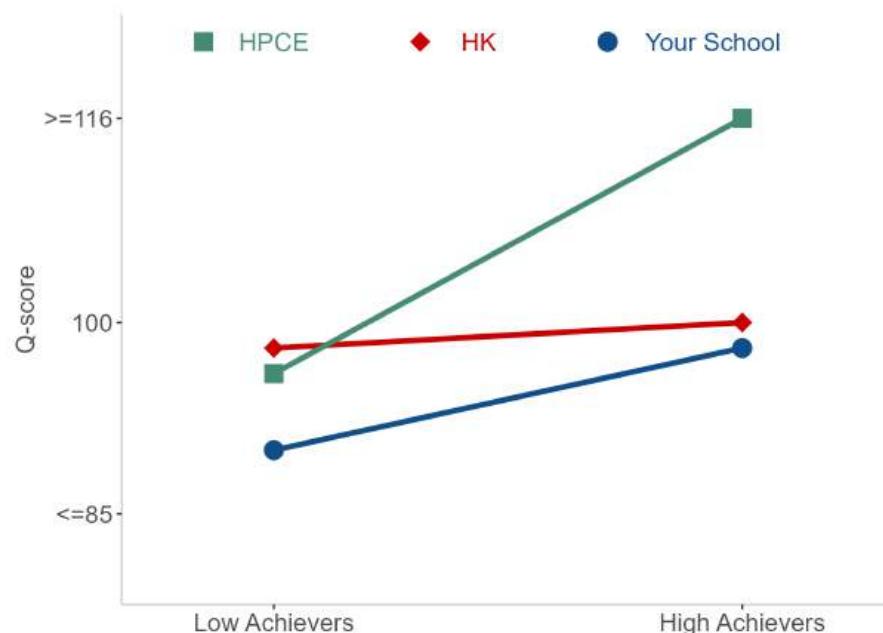
Options	Percentage
Agree a lot	32.08
Agree a little	45.28
Disagree a little	9.43
Disagree a lot	13.21

### **Overall Performance**

- Your school has Q-score 94 , P-score 34.5 .
- In HPCE, the median school Q-score is 106 , while the P-score is 65.5 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Do Well In Sci)

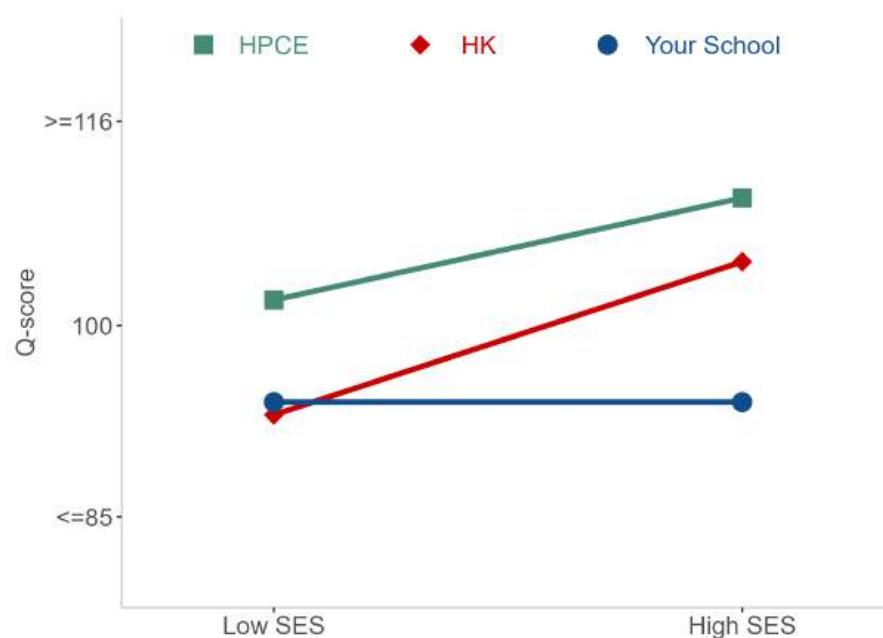
- In your school, high achievers ( Q = 98 ) SIMILAR TO low achievers ( Q = 90 ).
- In HK, high achievers ( Q = 100 ) SIMILAR TO low achievers ( Q = 98 ).
- In HPCE, high achievers ( Q = 116 ) HIGHER THAN low achievers ( Q = 96 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	96	116
HK	98	100
Your School	90	98

## Difference between Low/High SES (Do Well In Sci)

- In your school, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 94 ).
- In HK, high SES ( Q = 105 ) HIGHER THAN low SES ( Q = 93 ).
- In HPCE, high SES ( Q = 110 ) HIGHER THAN low SES ( Q = 102 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	102	110
HK	93	105
Your School	94	94

### Difference between Boys/Girls (Do Well In Sci)

- In your school, boys ( Q = 102 ) HIGHER THAN girls ( Q = 86 ).
- In HK, boys ( Q = 104 ) HIGHER THAN girls ( Q = 94 ).
- In HPCE, boys ( Q = 109 ) SIMILAR TO girls ( Q = 103 ).
- Recommendation (cf. HK): Good, improve girls.
- Recommendation (cf. HPCE): Good, improve girls.



	Girls	Boys
HPCE	103	109
HK	94	104
Your School	86	102

## **Not Harder For Me Than For Others (Sci Harder For Me)**

**Domains:** Science

**Construct:** Students Confident in Science

**Type:** Item

**Descriptions:** This item measures students' perceived relative difficulty of science. A higher Q-score/P-score indicates that students in your school perceive science as being NOT more difficult for them compared to their classmates compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about science?*

*Science is more difficult for me than for many of my classmates*

### **Item Distribution of Your Students (%)**

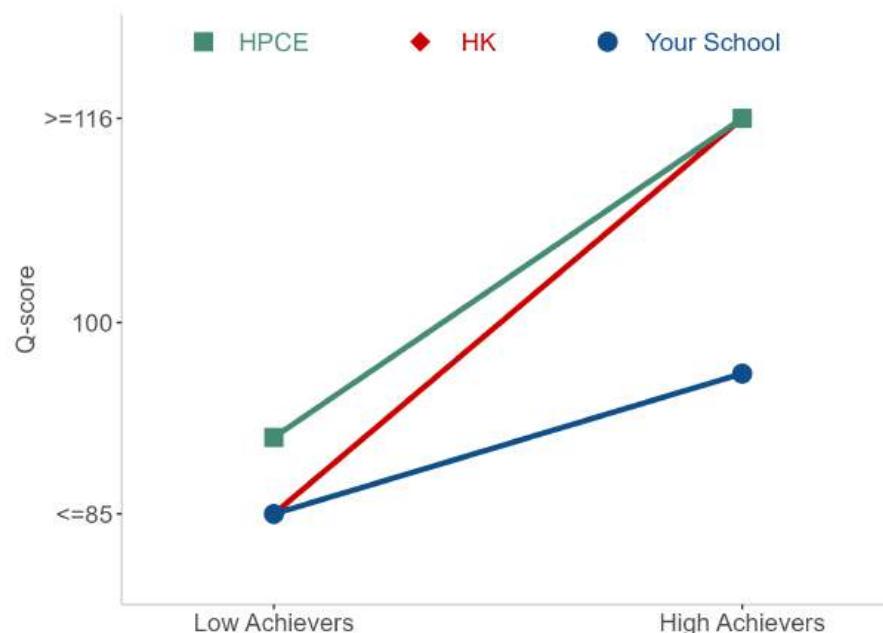
Options	Percentage
Agree a lot	24.53
Agree a little	32.08
Disagree a little	24.53
Disagree a lot	18.87

### **Overall Performance**

- Your school has Q-score 85 , P-score 15.9 .
- In HPCE, the median school Q-score is 107 , while the P-score is 68 .
- Recommendation (cf. HK): Weak, IMPROVE VERY SUBSTANTIALLY.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

## Difference between Low/High Achievers (Sci Harder For Me)

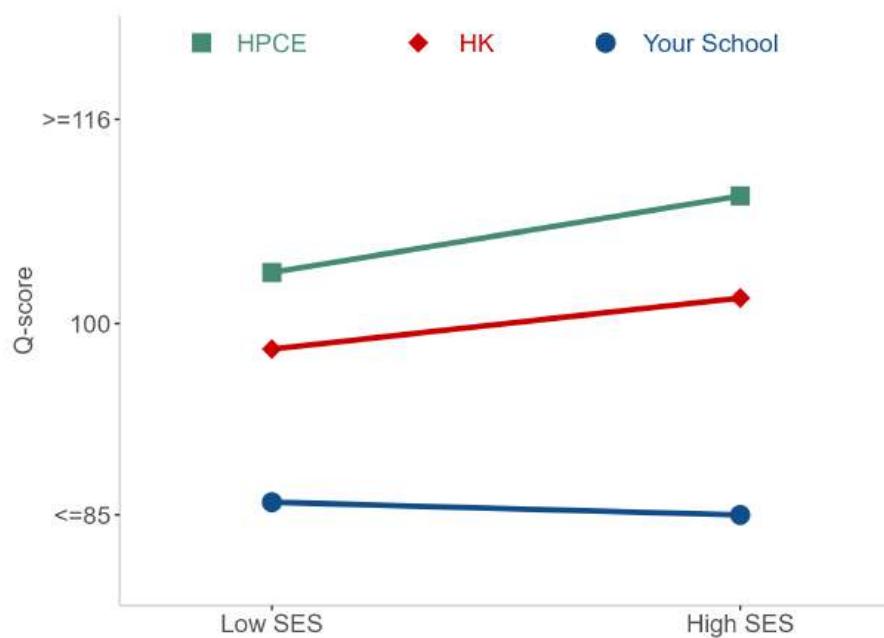
- In your school, high achievers ( Q = 96 ) HIGHER THAN low achievers ( Q = 85 ).
- In HK, high achievers ( Q = 116 ) HIGHER THAN low achievers ( Q = 85 ).
- In HPCE, high achievers ( Q = 116 ) HIGHER THAN low achievers ( Q = 91 ).
- Recommendation (cf. HK): Slightly weak, improve the whole school, particularly high achievers.
- Recommendation (cf. HPCE): Slightly weak, improve the whole school, particularly high achievers.



	Low Achievers	High Achievers
HPCE	91	116
HK	85	116
Your School	85	96

## Difference between Low/High SES (Sci Harder For Me)

- In your school, high SES ( Q = 85 ) VERY MUCH LOWER THAN low SES ( Q = 86 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 110 ) SIMILAR TO low SES ( Q = 104 ).
- Recommendation (cf. HK): Slightly weak, improve particularly high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly high SES students.



	Low SES	High SES
HPCE	104	110
HK	98	102
Your School	86	85

## Difference between Boys/Girls (Sci Harder For Me)

- In your school, boys ( Q = 85 ) SIMILAR TO girls ( Q = 85 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	110	104
HK	100	100
Your School	85	85

## **Not Just Not Good At Science (Not Good At Science)**

**Domains:** Science

**Construct:** Students Confident in Science

**Type:** Item

**Descriptions:** This item measures students' self-perceived ability in science. A higher Q-score/P-score indicates that students in your school are LESS likely to perceive themselves as struggling with science compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about science?*

*I am just not good at science*

### **Item Distribution of Your Students (%)**

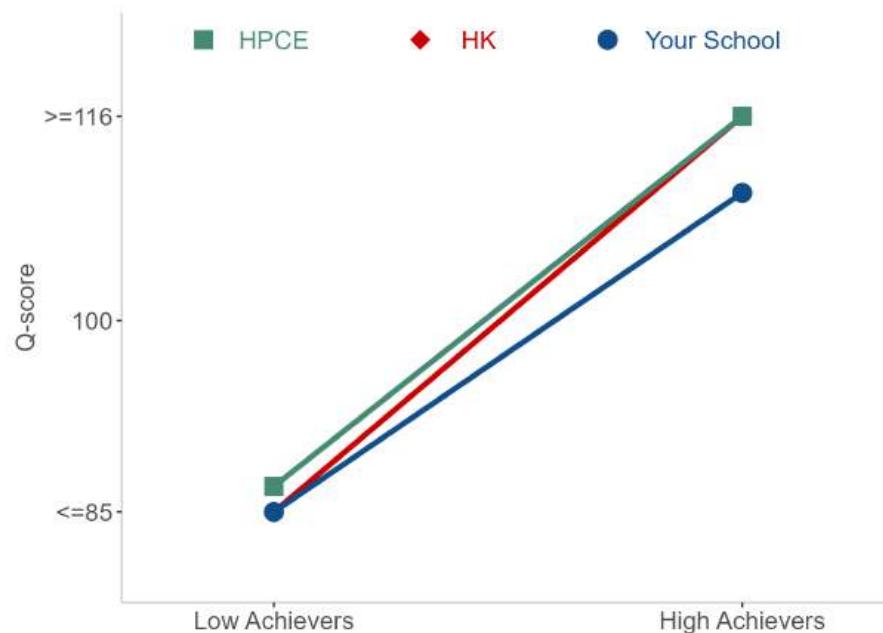
Options	Percentage
Agree a lot	18.87
Agree a little	28.30
Disagree a little	24.53
Disagree a lot	28.30

### **Overall Performance**

- Your school has Q-score 88 , P-score 21.2 .
- In HPCE, the median school Q-score is 106 , while the P-score is 65.5 .
- Recommendation (cf. HK): Slightly weak, IMPROVE SUBSTANTIALLY.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

### Difference between Low/High Achievers (Not Good At Science)

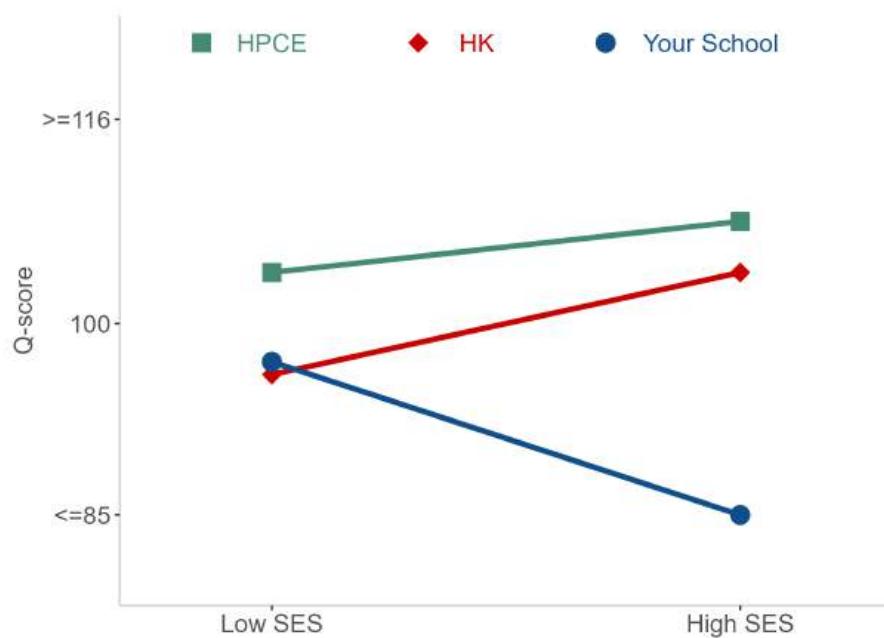
- In your school, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 87$  ).
- Recommendation (cf. HK): Slightly weak, improve the whole school
- Recommendation (cf. HPCE): Slightly weak, improve the whole school



	Low Achievers	High Achievers
HPCE	87	116
HK	85	116
Your School	85	110

## Difference between Low/High SES (Not Good At Science)

- In your school, high SES ( Q = 85 ) LOWER THAN low SES ( Q = 97 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 104 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	104	108
HK	96	104
Your School	97	85

## Difference between Boys/Girls (Not Good At Science)

- In your school, boys ( Q = 85 ) SIMILAR TO girls ( Q = 91 ).
- In HK, boys ( Q = 102 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 108 ) SIMILAR TO girls ( Q = 104 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	104	108
HK	98	102
Your School	91	85

## Science Easy (Science Easy)

**Domains:** Science

**Construct:** Students Confident in Science

**Type:** Item

**Descriptions:** This item measures students' confidence in their science ability. A higher Q-score/P-score indicates that students in your school are more likely to find science easy compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about science?*

*Science is easy for me*

### Item Distribution of Your Students (%)

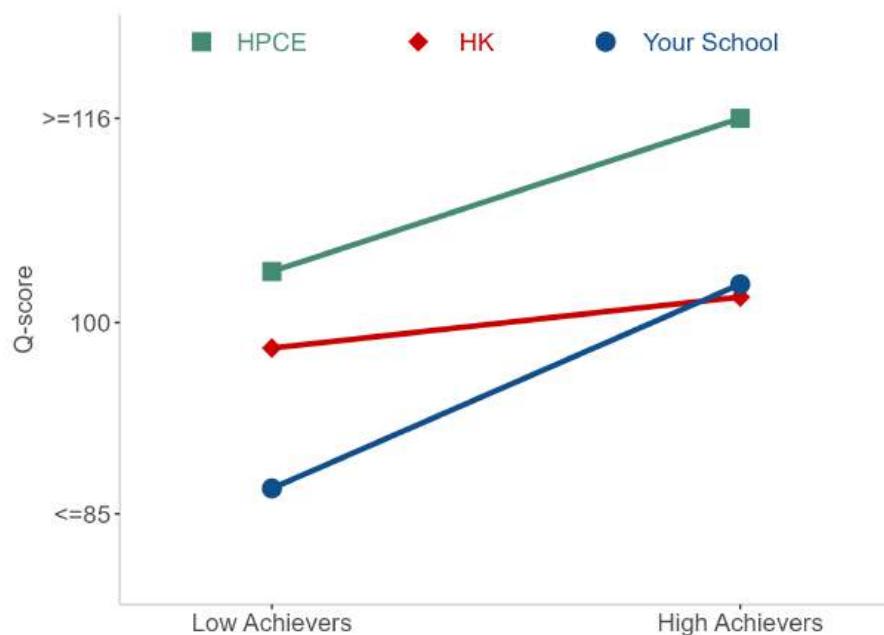
Options	Percentage
Agree a lot	33.96
Agree a little	24.53
Disagree a little	20.75
Disagree a lot	20.75

### Overall Performance

- Your school has Q-score 95 , P-score 36.9 .
- In HPCE, the median school Q-score is 111 , while the P-score is 76.8 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

### Difference between Low/High Achievers (Science Easy)

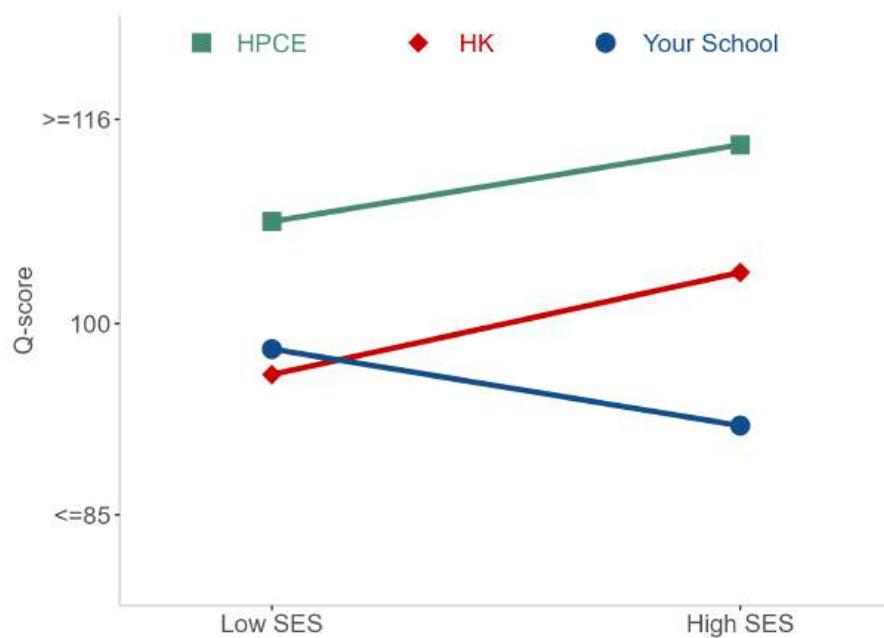
- In your school, high achievers (  $Q = 103$  ) HIGHER THAN low achievers (  $Q = 87$  ).
- In HK, high achievers (  $Q = 102$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 104$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	104	116
HK	98	102
Your School	87	103

### Difference between Low/High SES (Science Easy)

- In your school, high SES ( Q = 92 ) SIMILAR TO low SES ( Q = 98 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 114 ) SIMILAR TO low SES ( Q = 108 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	108	114
HK	96	104
Your School	98	92

## Difference between Boys/Girls (Science Easy)

- In your school, boys ( Q = 100 ) SIMILAR TO girls ( Q = 90 ).
- In HK, boys ( Q = 104 ) SIMILAR TO girls ( Q = 96 ).
- In HPCE, boys ( Q = 114 ) HIGHER THAN girls ( Q = 108 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	108	114
HK	96	104
Your School	90	100

## **Science Not Harder For Me (Science Is Not Harder)**

**Domains:** Science

**Construct:** Students Confident in Science

**Type:** Item

**Descriptions:** This item measures students' perception of science difficulty relative to other subjects. A higher Q-score/P-score indicates that students in your school are more likely to find science LESS challenging than other subjects compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about science?*

*Science is harder for me than any other subject*

### **Item Distribution of Your Students (%)**

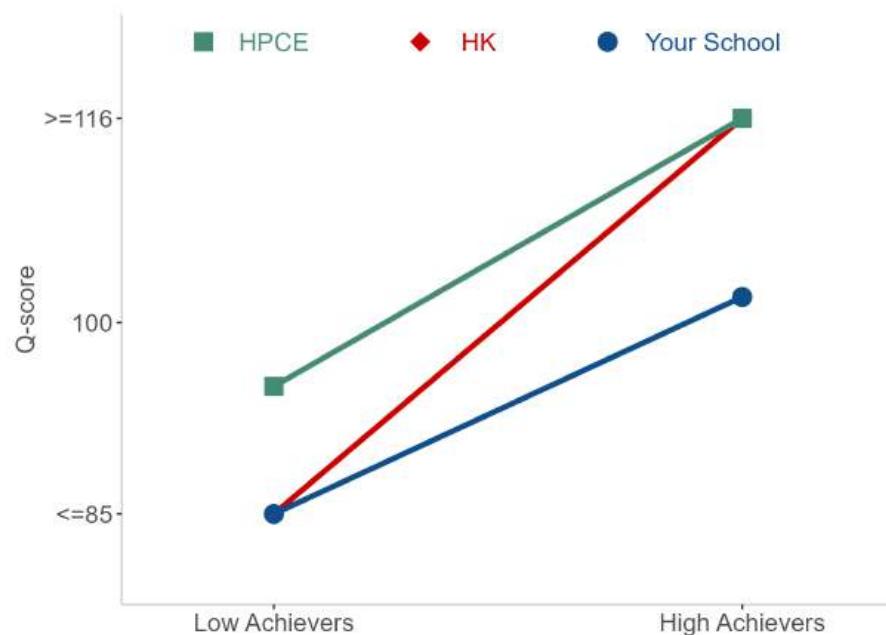
Options	Percentage
Agree a lot	15.09
Agree a little	28.30
Disagree a little	33.96
Disagree a lot	22.64

### **Overall Performance**

- Your school has Q-score 87 , P-score 19.3 .
- In HPCE, the median school Q-score is 112 , while the P-score is 78.8 .
- Recommendation (cf. HK): Slightly weak, IMPROVE SUBSTANTIALLY.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

## Difference between Low/High Achievers (Science Is Not Harder)

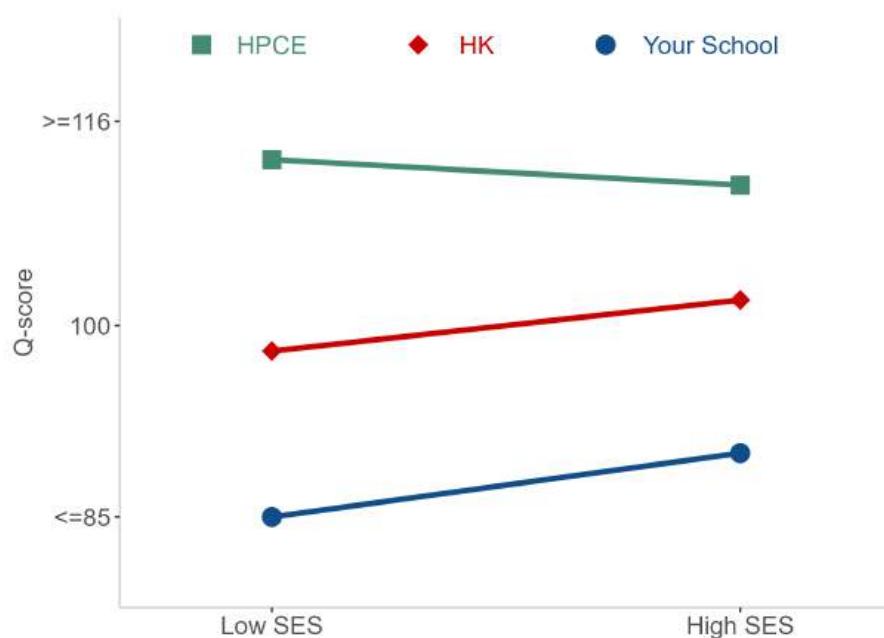
- In your school, high achievers (  $Q = 102$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 95$  ).
- Recommendation (cf. HK): Slightly weak, improve the whole school
- Recommendation (cf. HPCE): Slightly weak, improve the whole school



	Low Achievers	High Achievers
HPCE	95	116
HK	85	116
Your School	85	102

## Difference between Low/High SES (Science Is Not Harder)

- In your school, high SES ( Q = 90 ) SIMILAR TO low SES ( Q = 85 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 111 ) SIMILAR TO low SES ( Q = 113 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	113	111
HK	98	102
Your School	85	90

## Difference between Boys/Girls (Science Is Not Harder)

- In your school, boys ( Q = 85 ) LOWER THAN girls ( Q = 94 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 111 ) SIMILAR TO girls ( Q = 113 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	113	111
HK	100	100
Your School	94	85

## No Science Makes Me Confused (Sci Is Not Confusing)

**Domains:** Science

**Construct:** Students Confident in Science

**Type:** Item

**Descriptions:** This item measures students' perceptions of confusion in science. A higher Q-score/P-score indicates that students in your school perceive LOWER levels of confusion in science compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements about science?*

*Science makes me confused*

### Item Distribution of Your Students (%)

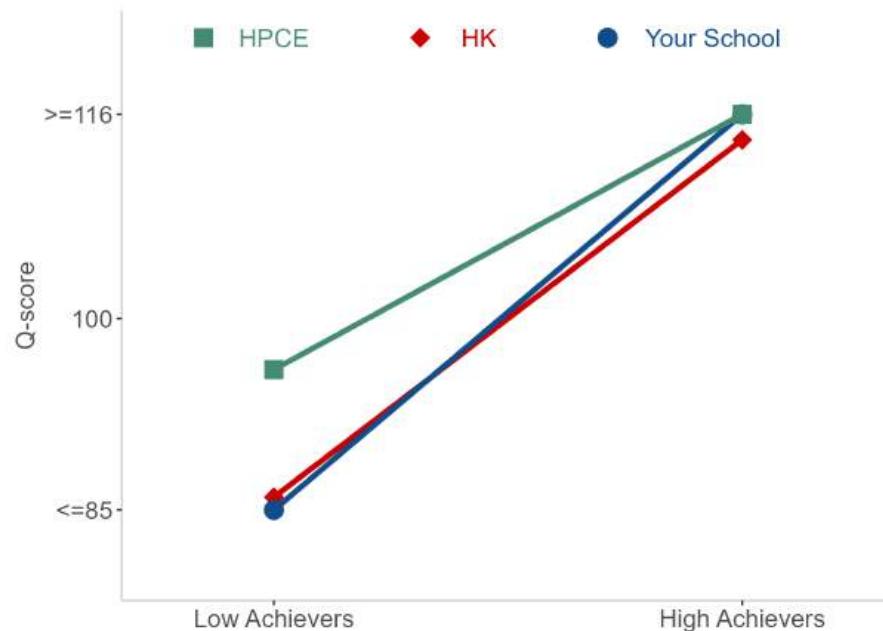
Options	Percentage
Agree a lot	13.21
Agree a little	30.19
Disagree a little	22.64
Disagree a lot	33.96

### Overall Performance

- Your school has Q-score 94 , P-score 34.5 .
- In HPCE, the median school Q-score is 109 , while the P-score is 72.6 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Sci Is Not Confusing)

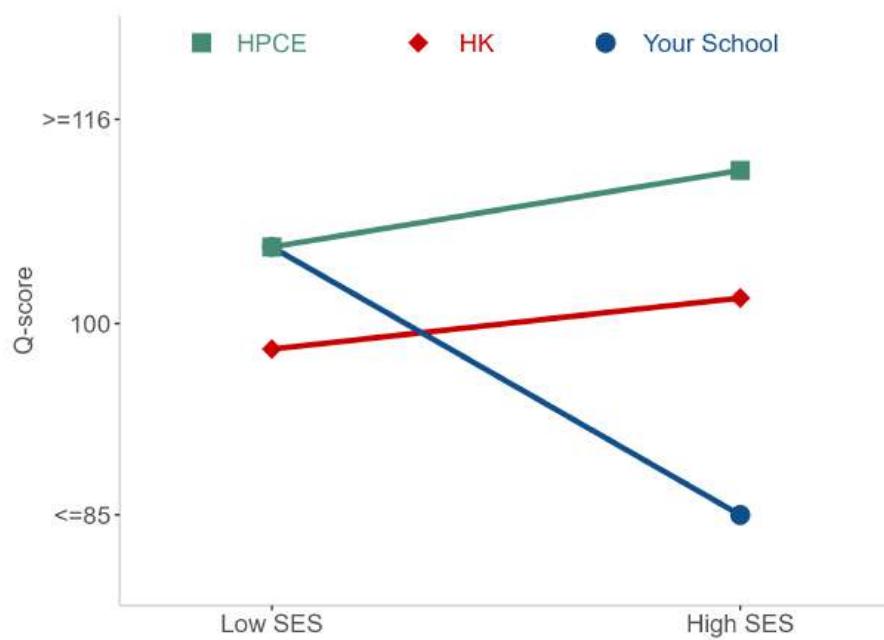
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 96$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	96	116
HK	86	114
Your School	85	116

## Difference between Low/High SES (Sci Is Not Confusing)

- In your school, high SES ( Q = 85 ) VERY MUCH LOWER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 112 ) SIMILAR TO low SES ( Q = 106 ).
- Recommendation (cf. HK): Slightly weak, improve particularly high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly high SES students.



	Low SES	High SES
HPCE	106	112
HK	98	102
Your School	106	85

## Difference between Boys/Girls (Sci Is Not Confusing)

- In your school, boys ( Q = 90 ) SIMILAR TO girls ( Q = 98 ).
- In HK, boys ( Q = 102 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 108 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	110	108
HK	98	102
Your School	98	90

## **Students Value Environmental Preservation (Value Env Protection)**

**Domains:** Science

**Construct:** Students Value Environmental Preservation

**Type:** Scale

**Descriptions:** This scale measures students' values related to environmental preservation. A higher Q-score/P-score indicates that students in your school place a higher value on environmental preservation compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

I care about the protection of plants and animals

It makes me sad when nature is destroyed by humans

I enjoy finding out what kinds of plants and animals live in my surrounding area

I enjoy being in nature (e.g., <forests, parks, deserts>)

Addressing climate change should be a high priority

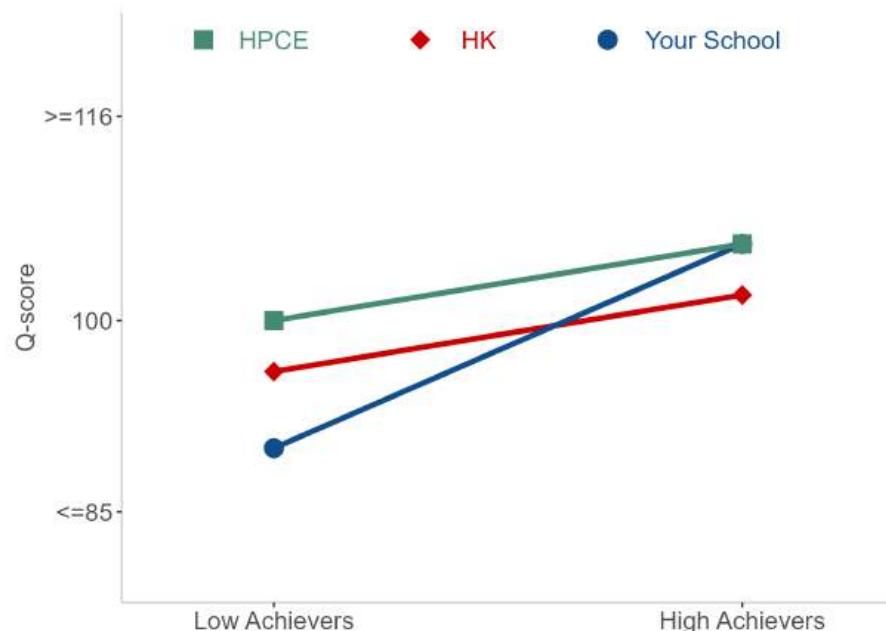
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 98 , P-score 44.7 .
- In HPCE, the median school Q-score is 103 , while the P-score is 57.9 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Value Env Protection)

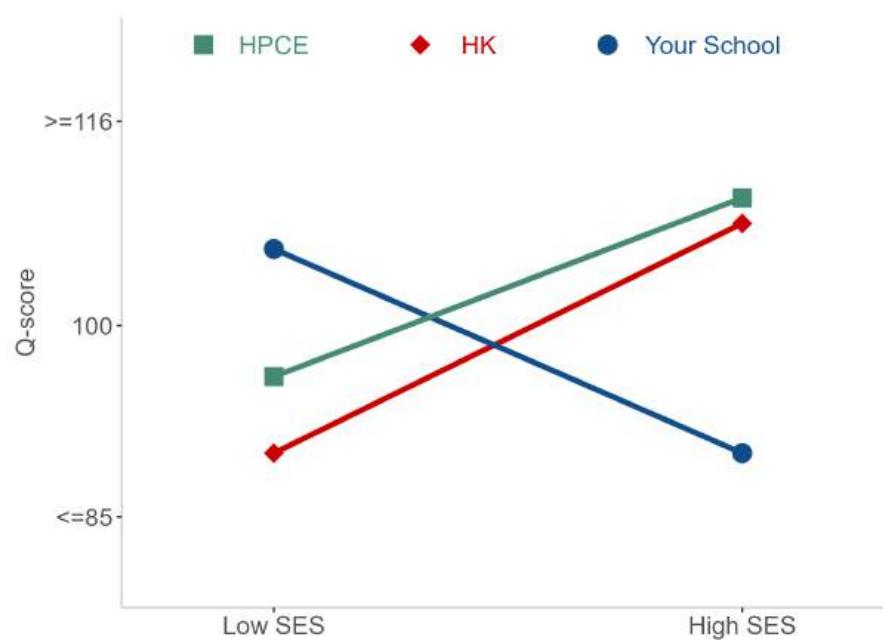
- In your school, high achievers ( Q = 106 ) HIGHER THAN low achievers ( Q = 90 ).
- In HK, high achievers ( Q = 102 ) SIMILAR TO low achievers ( Q = 96 ).
- In HPCE, high achievers ( Q = 106 ) SIMILAR TO low achievers ( Q = 100 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	100	106
HK	96	102
Your School	90	106

### Difference between Low/High SES (Value Env Protection)

- In your school, high SES ( Q = 90 ) LOWER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 90 ).
- In HPCE, high SES ( Q = 110 ) HIGHER THAN low SES ( Q = 96 ).
- Recommendation (cf. HK): Average, improve high SES students.
- Recommendation (cf. HPCE): Average, improve high SES students.



	Low SES	High SES
HPCE	96	110
HK	90	108
Your School	106	90

### Difference between Boys/Girls (Value Env Protection)

- In your school, boys ( Q = 101 ) SIMILAR TO girls ( Q = 95 ).
- In HK, boys ( Q = 92 ) LOWER THAN girls ( Q = 106 ).
- In HPCE, boys ( Q = 100 ) SIMILAR TO girls ( Q = 106 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	106	100
HK	106	92
Your School	95	101

## **Protection Of Plants And Animals (Protect Pla/Ani)**

**Domains:** Science

**Construct:** Students Value Environmental Preservation

**Type:** Item

**Descriptions:** This item measures students' environmental concern. A higher Q-score/P-score indicates that students in your school have a higher level of concern for the protection of plants and animals compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*I care about the protection of plants and animals*

### **Item Distribution of Your Students (%)**

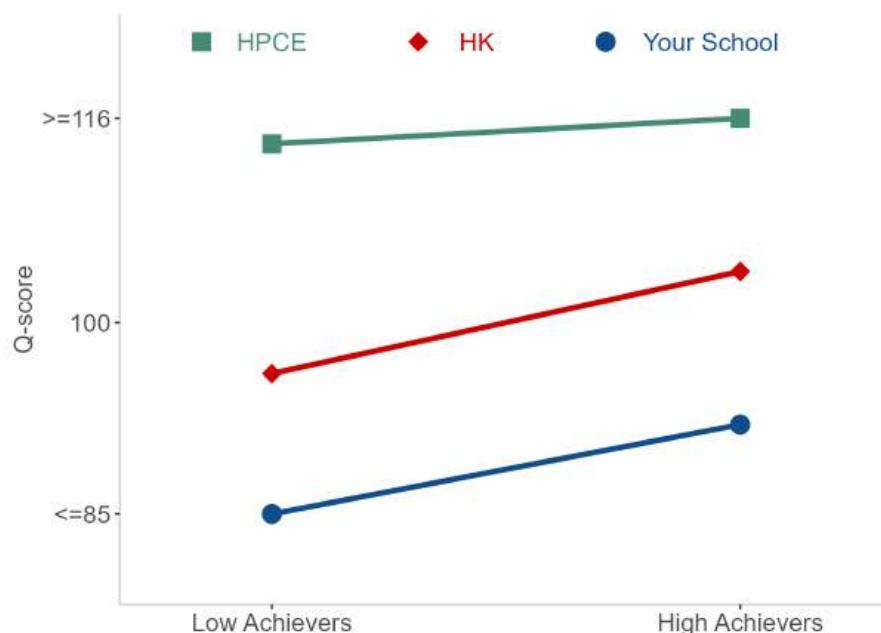
Options	Percentage
Agree a lot	47.17
Agree a little	43.40
Disagree a little	9.43
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 85 , P-score 15.9 .
- In HPCE, the median school Q-score is 116 , while the P-score is 85.7 .
- Recommendation (cf. HK): Weak, IMPROVE VERY SUBSTANTIALLY.
- Recommendation (cf. HPCE): Weak, IMPROVE VERY SUBSTANTIALLY.

### Difference between Low/High Achievers (Protect Pla/Ani)

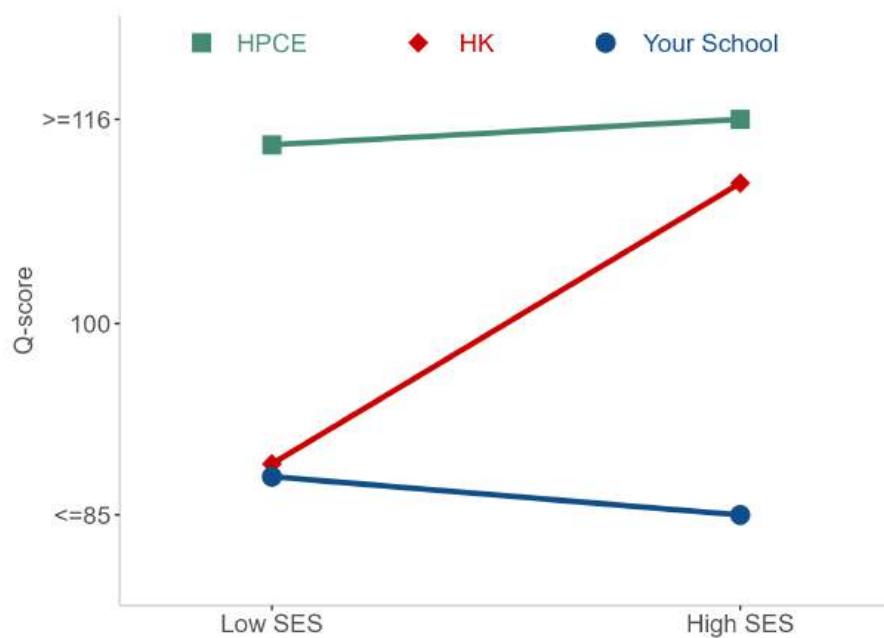
- In your school, high achievers ( Q = 92 ) HIGHER THAN low achievers ( Q = 85 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 96 ).
- In HPCE, high achievers ( Q = 116 ) SIMILAR TO low achievers ( Q = 114 ).
- Recommendation (cf. HK): Slightly weak, improve the whole school, particularly high achievers.
- Recommendation (cf. HPCE): Slightly weak, improve the whole school, particularly high achievers.



	Low Achievers	High Achievers
HPCE	114	116
HK	96	104
Your School	85	92

## Difference between Low/High SES (Protect Pla/Ani)

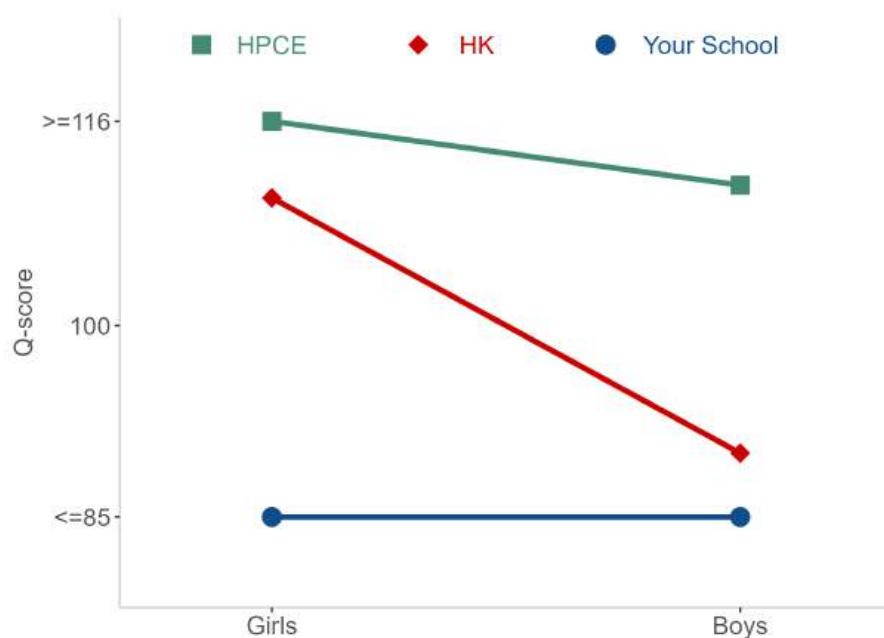
- In your school, high SES ( Q = 85 ) LOWER THAN low SES ( Q = 88 ).
- In HK, high SES ( Q = 111 ) HIGHER THAN low SES ( Q = 89 ).
- In HPCE, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 114 ).
- Recommendation (cf. HK): Good, improve high SES students.
- Recommendation (cf. HPCE): Good, improve high SES students.



	Low SES	High SES
HPCE	114	116
HK	89	111
Your School	88	85

### Difference between Boys/Girls (Protect Pla/Ani)

- In your school, boys ( Q = 85 ) SIMILAR TO girls ( Q = 85 ).
- In HK, boys ( Q = 90 ) LOWER THAN girls ( Q = 110 ).
- In HPCE, boys ( Q = 111 ) LOWER THAN girls ( Q = 116 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	116	111
HK	110	90
Your School	85	85

## **Sad When Nature Destroyed (Sad Nature Loss)**

**Domains:** Science

**Construct:** Students Value Environmental Preservation

**Type:** Item

**Descriptions:** This item measures students' emotional response to environmental degradation. A higher Q-score/P-score indicates that students in your school experience greater sadness when nature is destroyed by humans compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*It makes me sad when nature is destroyed by humans*

### **Item Distribution of Your Students (%)**

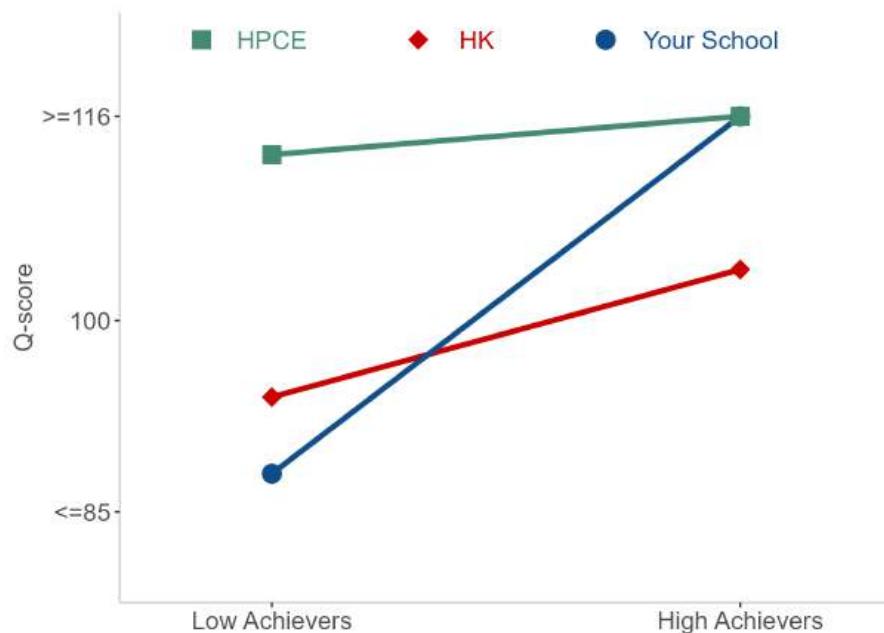
Options	Percentage
Agree a lot	54.72
Agree a little	32.08
Disagree a little	11.32
Disagree a lot	1.89

### **Overall Performance**

- Your school has Q-score 105 , P-score 63.1 .
- In HPCE, the median school Q-score is 116 , while the P-score is 85.7 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Sad Nature Loss)

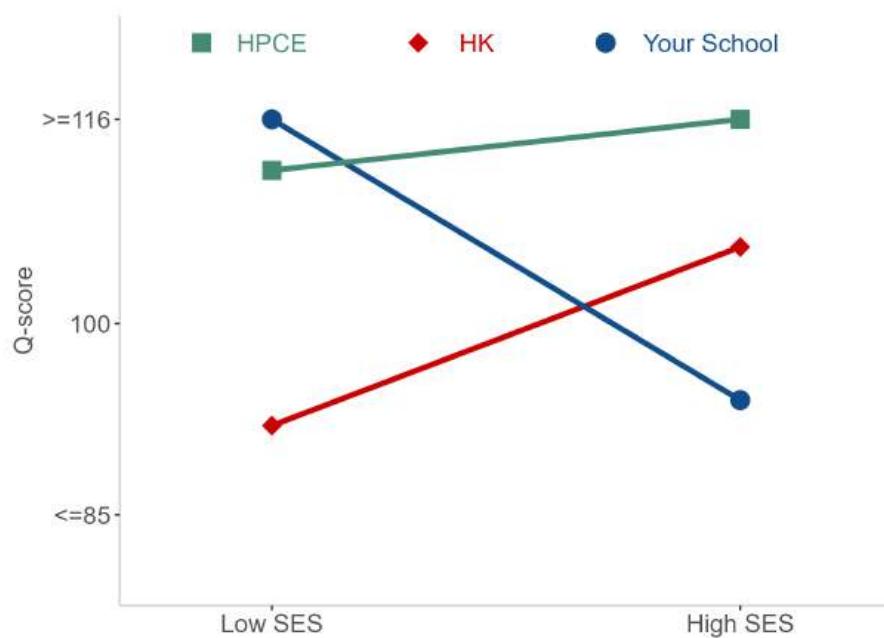
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HK, high achievers (  $Q = 104$  ) SIMILAR TO low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 116$  ) SIMILAR TO low achievers (  $Q = 113$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	113	116
HK	94	104
Your School	88	116

## Difference between Low/High SES (Sad Nature Loss)

- In your school, high SES ( Q = 94 ) LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 106 ) HIGHER THAN low SES ( Q = 92 ).
- In HPCE, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 112 ).
- Recommendation (cf. HK): Average, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	112	116
HK	92	106
Your School	116	94

### Difference between Boys/Girls (Sad Nature Loss)

- In your school, boys ( Q = 90 ) VERY MUCH LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 88 ) LOWER THAN girls ( Q = 110 ).
- In HPCE, boys ( Q = 110 ) LOWER THAN girls ( Q = 116 ).
- Recommendation (cf. HK): Slightly weak, improve particularly boys.
- Recommendation (cf. HPCE): Slightly weak, improve particularly boys.



	Girls	Boys
HPCE	116	110
HK	110	88
Your School	116	90

## Learn About Plants And Animals (Learn About Nature)

**Domains:** Science

**Construct:** Students Value Environmental Preservation

**Type:** Item

**Descriptions:** This item measures students' interest in local biodiversity. A higher Q-score/P-score indicates that students in your school have a higher interest in finding out about the plants and animals that live in their surrounding area compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*I enjoy finding out what kinds of plants and animals live in my surrounding area*

### Item Distribution of Your Students (%)

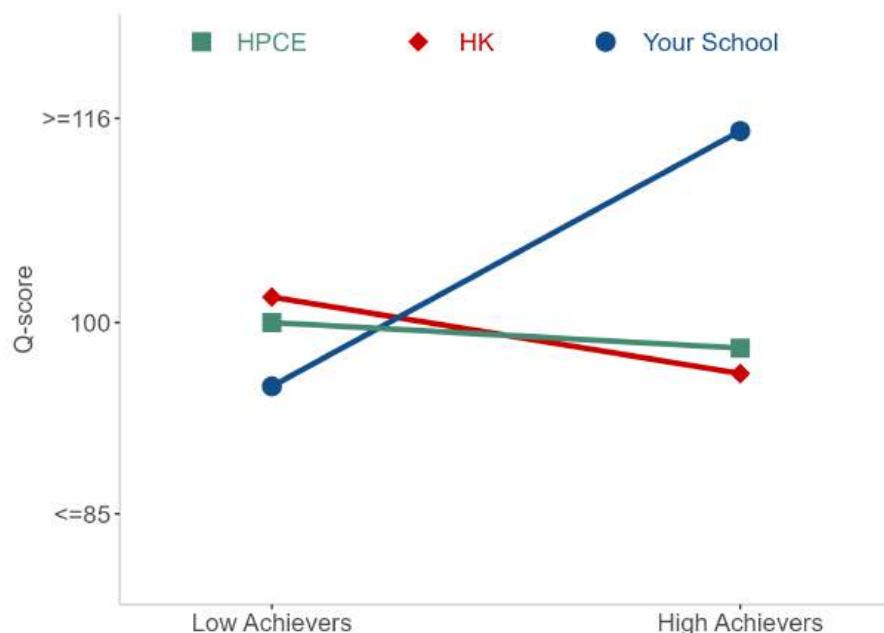
Options	Percentage
Agree a lot	56.60
Agree a little	30.19
Disagree a little	13.21
Disagree a lot	

### Overall Performance

- Your school has Q-score 105 , P-score 63.1 .
- In HPCE, the median school Q-score is 99 , while the P-score is 47.3 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Learn About Nature)

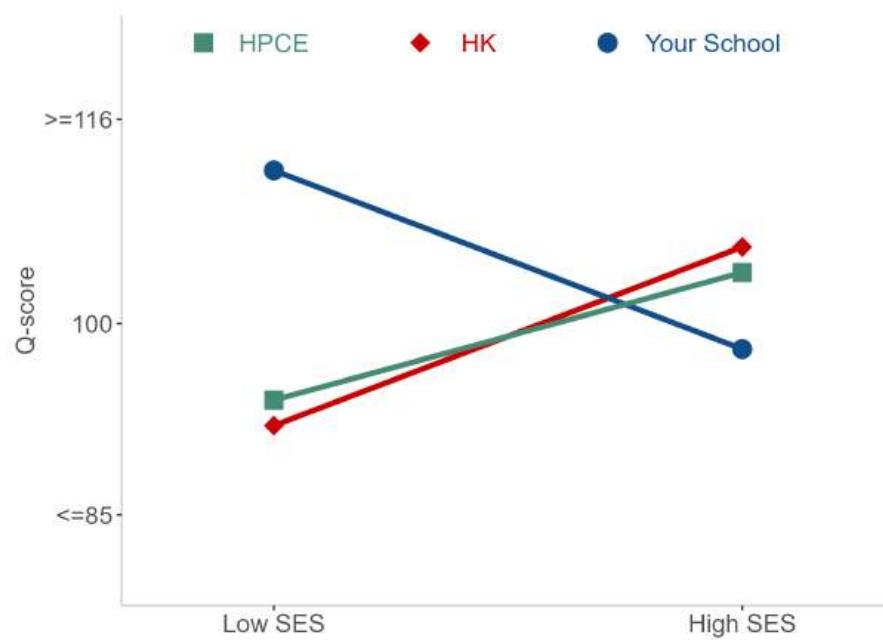
- In your school, high achievers (  $Q = 115$  ) HIGHER THAN low achievers (  $Q = 95$  ).
- In HK, high achievers (  $Q = 96$  ) SIMILAR TO low achievers (  $Q = 102$  ).
- In HPCE, high achievers (  $Q = 98$  ) SIMILAR TO low achievers (  $Q = 100$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	100	98
HK	102	96
Your School	95	115

### Difference between Low/High SES (Learn About Nature)

- In your school, high SES ( Q = 98 ) LOWER THAN low SES ( Q = 112 ).
- In HK, high SES ( Q = 106 ) HIGHER THAN low SES ( Q = 92 ).
- In HPCE, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 94 ).
- Recommendation (cf. HK): Good, improve high SES students.
- Recommendation (cf. HPCE): Good, improve high SES students.



	Low SES	High SES
HPCE	94	104
HK	92	106
Your School	112	98

### Difference between Boys/Girls (Learn About Nature)

- In your school, boys ( Q = 102 ) SIMILAR TO girls ( Q = 108 ).
- In HK, boys ( Q = 90 ) LOWER THAN girls ( Q = 108 ).
- In HPCE, boys ( Q = 97 ) SIMILAR TO girls ( Q = 101 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	101	97
HK	108	90
Your School	108	102

## **Enjoy Being In Nature (Enjoy Nature)**

**Domains:** Science

**Construct:** Students Value Environmental Preservation

**Type:** Item

**Descriptions:** This item measures students' appreciation of nature. A higher Q-score/P-score indicates that students in your school have a higher appreciation of being in nature compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*I enjoy being in nature (e.g., <forests, parks, deserts>)*

### **Item Distribution of Your Students (%)**

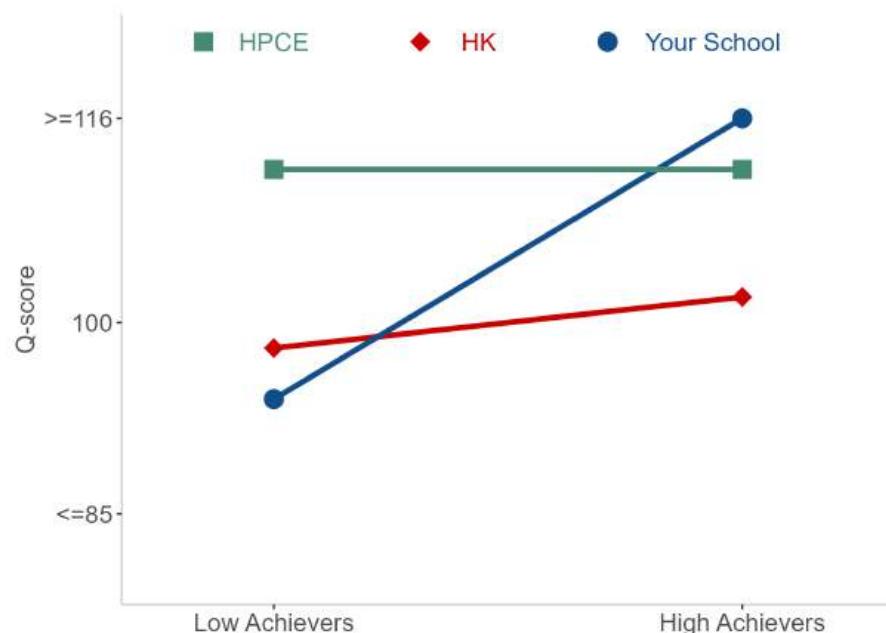
Options	Percentage
Agree a lot	49.06
Agree a little	39.62
Disagree a little	11.32
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 107 , P-score 68 .
- In HPCE, the median school Q-score is 112 , while the P-score is 78.8 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Enjoy Nature)

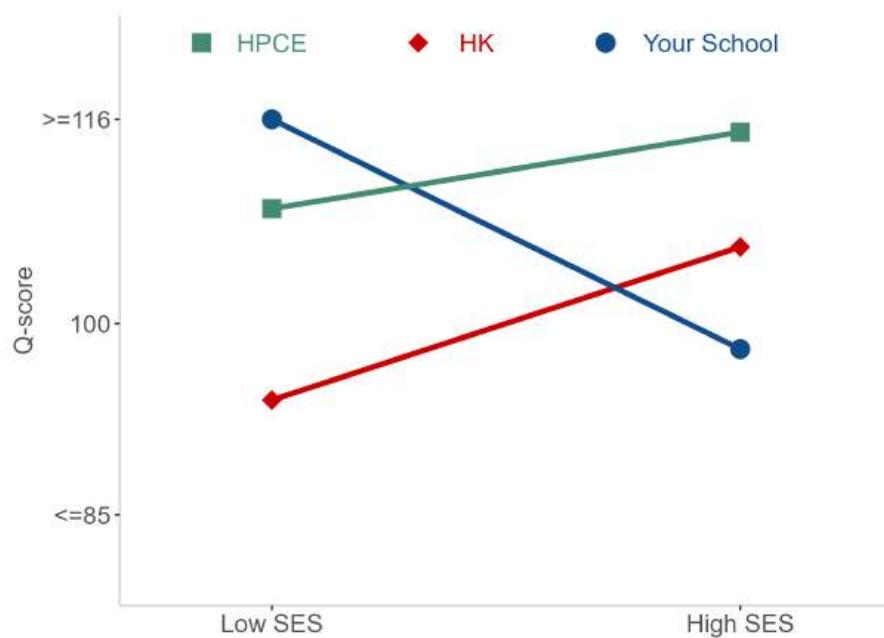
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HK, high achievers (  $Q = 102$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- In HPCE, high achievers (  $Q = 112$  ) SIMILAR TO low achievers (  $Q = 112$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	112	112
HK	98	102
Your School	94	116

### Difference between Low/High SES (Enjoy Nature)

- In your school, high SES ( Q = 98 ) LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 115 ) SIMILAR TO low SES ( Q = 109 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	109	115
HK	94	106
Your School	116	98

### Difference between Boys/Girls (Enjoy Nature)

- In your school, boys ( Q = 110 ) SIMILAR TO girls ( Q = 104 ).
- In HK, boys ( Q = 96 ) LOWER THAN girls ( Q = 104 ).
- In HPCE, boys ( Q = 110 ) SIMILAR TO girls ( Q = 114 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	114	110
HK	104	96
Your School	104	110

## **Climate Change Priority (Climate Change)**

**Domains:** Science

**Construct:** Students Value Environmental Preservation

**Type:** Item

**Descriptions:** This item measures students' prioritization of addressing climate change. A higher Q-score/P-score indicates that students in your school prioritize addressing climate change to a greater extent compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*Addressing climate change should be a high priority*

### **Item Distribution of Your Students (%)**

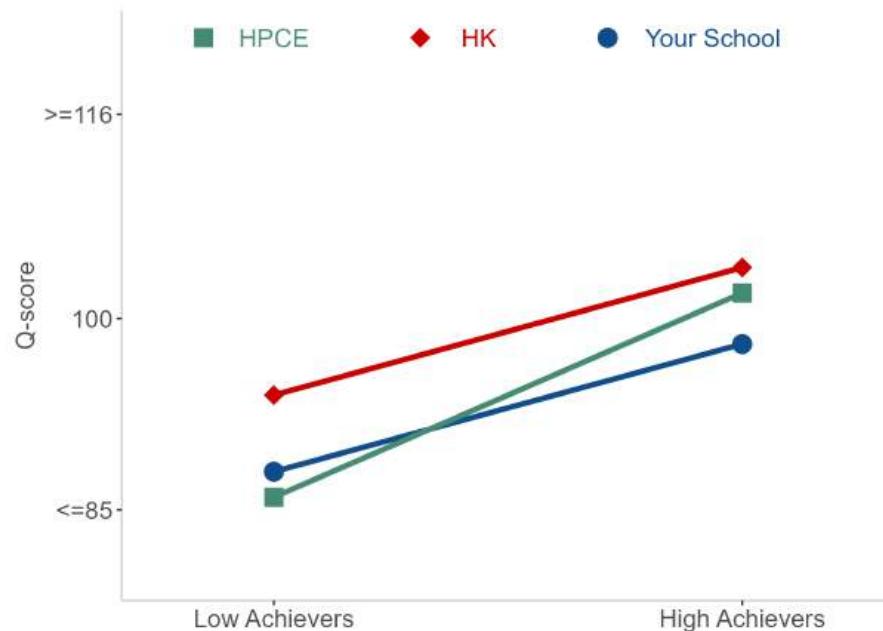
Options	Percentage
Agree a lot	42.31
Agree a little	46.15
Disagree a little	9.62
Disagree a lot	1.92

### **Overall Performance**

- Your school has Q-score 93 , P-score 32 .
- In HPCE, the median school Q-score is 94 , while the P-score is 34.5 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Climate Change)

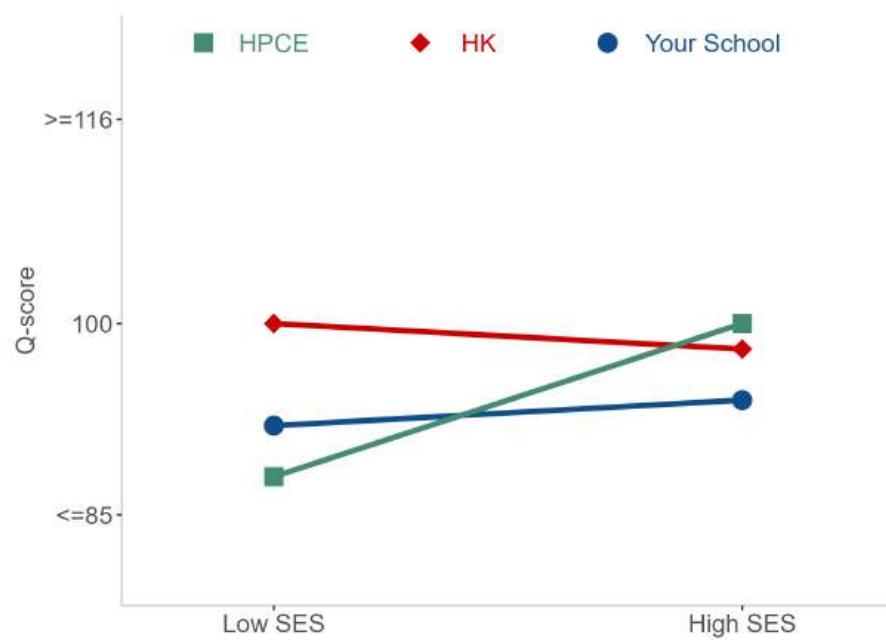
- In your school, high achievers ( Q = 98 ) SIMILAR TO low achievers ( Q = 88 ).
- In HK, high achievers ( Q = 104 ) HIGHER THAN low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 102 ) HIGHER THAN low achievers ( Q = 86 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	86	102
HK	94	104
Your School	88	98

## Difference between Low/High SES (Climate Change)

- In your school, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 92 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 88 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	88	100
HK	100	98
Your School	92	94

## Difference between Boys/Girls (Climate Change)

- In your school, boys ( Q = 102 ) HIGHER THAN girls ( Q = 85 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 99 ).
- In HPCE, boys ( Q = 94 ) SIMILAR TO girls ( Q = 94 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	94	94
HK	99	99
Your School	85	102

## **Disorderly Behavior during Science Lessons (Orderly Sci Lessons)**

**Domains:** Science

**Construct:** Disorderly Behavior during Science Lessons

**Type:** Scale

**Descriptions:** This scale assesses the level of disruptive behavior during science lessons. A higher Q-score/P-score indicates that students in your school experience lower levels of disorderly behavior during science lessons compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

Students don't listen to what the teacher says

There is too much noise for students to work well

My teacher has to wait a long time for students to be quiet

Students interrupt the teacher

Students do not follow the classroom rules

Other students' behavior makes it hard for me to concentrate

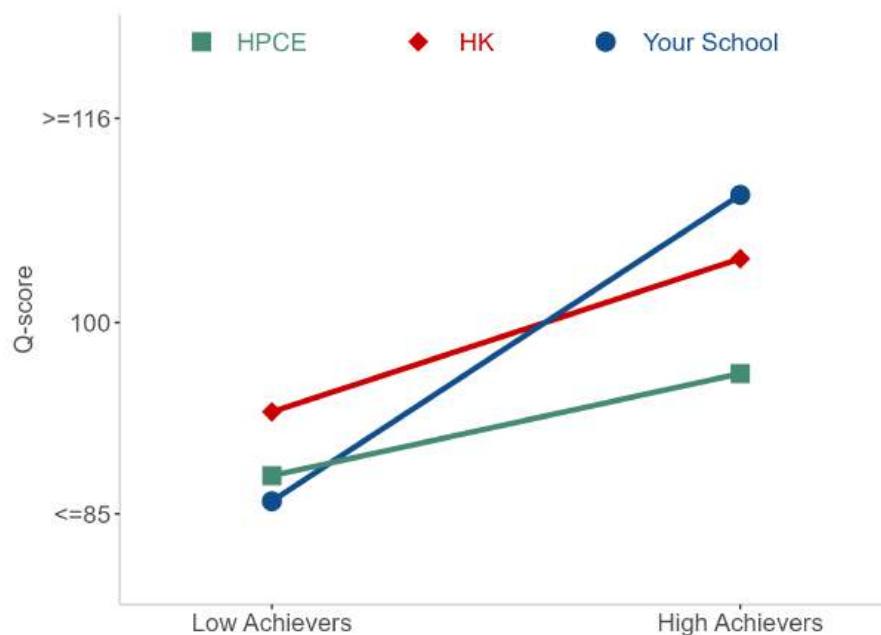
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 98 , P-score 44.7 .
- In HPCE, the median school Q-score is 92 , while the P-score is 29.7 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Orderly Sci Lessons)

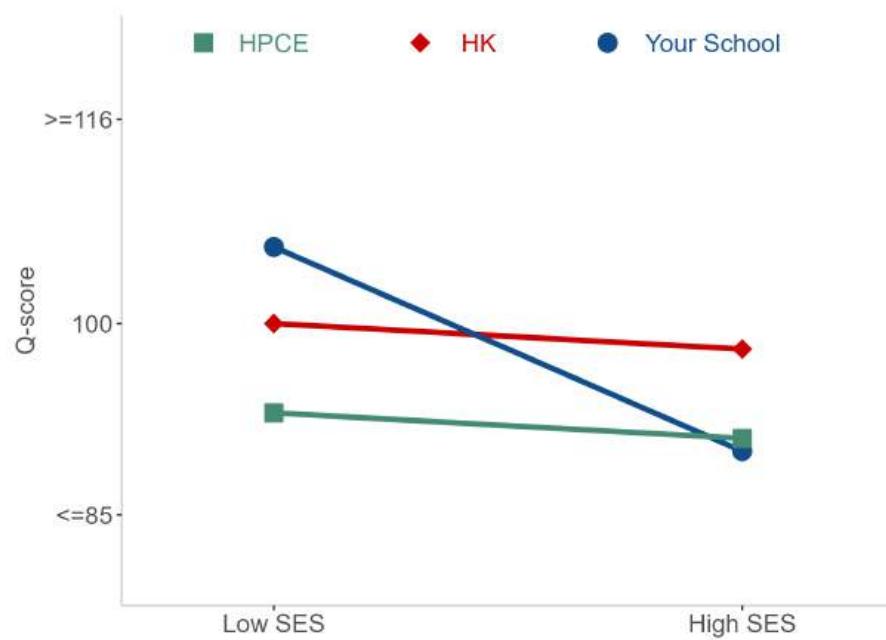
- In your school, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HK, high achievers (  $Q = 105$  ) HIGHER THAN low achievers (  $Q = 93$  ).
- In HPCE, high achievers (  $Q = 96$  ) SIMILAR TO low achievers (  $Q = 88$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	88	96
HK	93	105
Your School	86	110

## Difference between Low/High SES (Orderly Sci Lessons)

- In your school, high SES ( Q = 90 ) LOWER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 91 ) SIMILAR TO low SES ( Q = 93 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	93	91
HK	100	98
Your School	106	90

### Difference between Boys/Girls (Orderly Sci Lessons)

- In your school, boys ( Q = 106 ) HIGHER THAN girls ( Q = 90 ).
- In HK, boys ( Q = 97 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 92 ) SIMILAR TO girls ( Q = 92 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	92	92
HK	101	97
Your School	90	106

## No Student Not Listen (Attentive Students)

**Domains:** Science

**Construct:** Disorderly Behavior during Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of student attentiveness in science class. A higher Q-score/P-score indicates that students in your school perceive HIGHER student attentiveness in science class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your science lessons?*

*Students don't listen to what the teacher says*

### Item Distribution of Your Students (%)

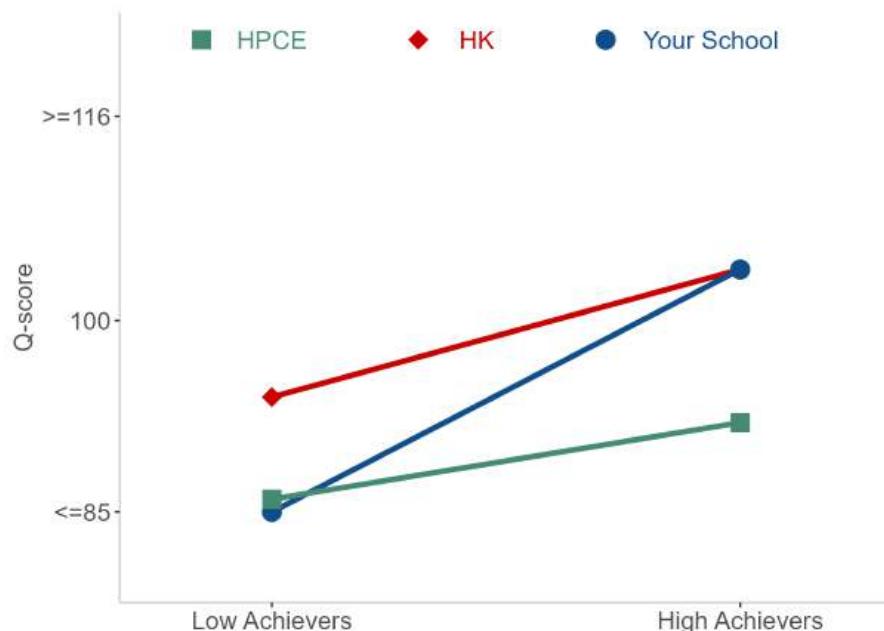
Options	Percentage
Every or almost every lesson	22.64
About half the lessons	20.75
Some lessons	22.64
Never	33.96

### Overall Performance

- Your school has Q-score 93 , P-score 32 .
- In HPCE, the median school Q-score is 89 , while the P-score is 23.2 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Attentive Students)

- In your school, high achievers ( Q = 104 ) HIGHER THAN low achievers ( Q = 85 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 92 ) SIMILAR TO low achievers ( Q = 86 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	86	92
HK	94	104
Your School	85	104

### Difference between Low/High SES (Attentive Students)

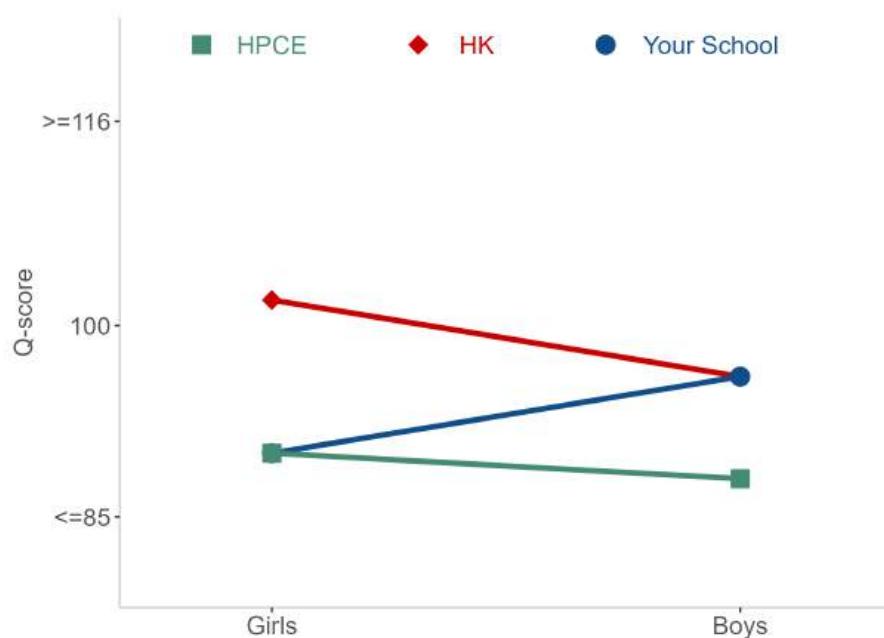
- In your school, high SES ( Q = 88 ) LOWER THAN low SES ( Q = 98 ).
- In HK, high SES ( Q = 97 ) SIMILAR TO low SES ( Q = 101 ).
- In HPCE, high SES ( Q = 89 ) SIMILAR TO low SES ( Q = 89 ).
- Recommendation (cf. HK): Good, improve high SES students.
- Recommendation (cf. HPCE): Average, improve high SES students.



	Low SES	High SES
HPCE	89	89
HK	101	97
Your School	98	88

### Difference between Boys/Girls (Attentive Students)

- In your school, boys ( Q = 96 ) SIMILAR TO girls ( Q = 90 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 88 ) SIMILAR TO girls ( Q = 90 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	90	88
HK	102	96
Your School	90	96

## No Too Much Noise (Quiet Class)

**Domains:** Science

**Construct:** Disorderly Behavior during Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of classroom noise in science class. A higher Q-score/P-score indicates that students in your school perceive LOWER levels of disruptive noise in science class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your science lessons?*

*There is too much noise for students to work well*

### Item Distribution of Your Students (%)

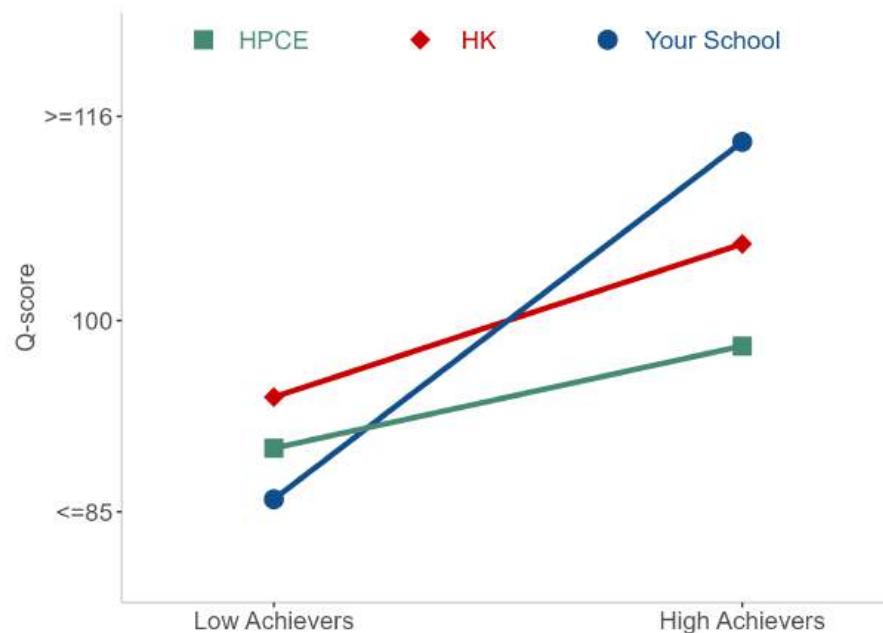
Options	Percentage
Every or almost every lesson	22.64
About half the lessons	13.21
Some lessons	20.75
Never	43.40

### Overall Performance

- Your school has Q-score 100 , P-score 50 .
- In HPCE, the median school Q-score is 94 , while the P-score is 34.5 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Quiet Class)

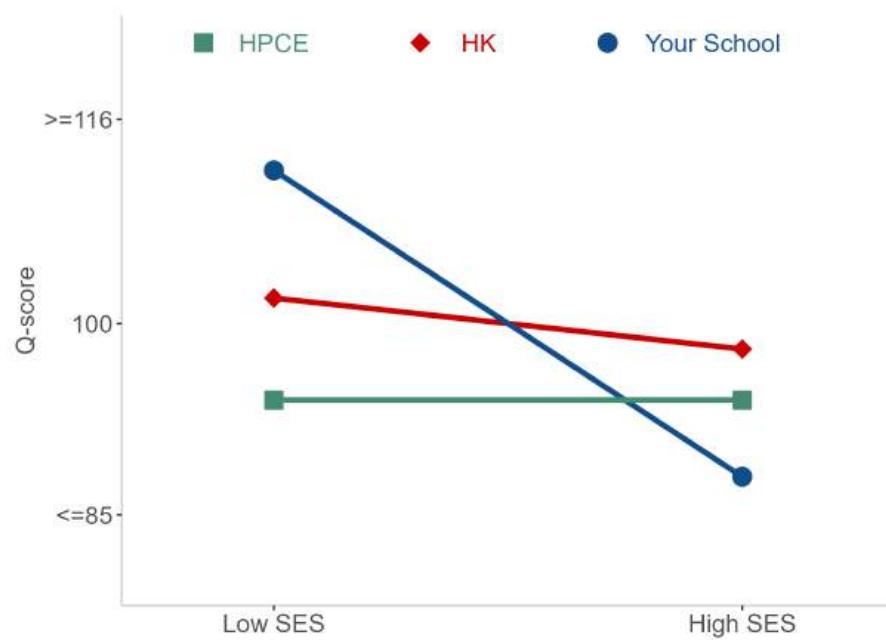
- In your school, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 98$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	90	98
HK	94	106
Your School	86	114

## Difference between Low/High SES (Quiet Class)

- In your school, high SES ( Q = 88 ) VERY MUCH LOWER THAN low SES ( Q = 112 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 94 ).
- Recommendation (cf. HK): Slightly weak, improve particularly high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly high SES students.



	Low SES	High SES
HPCE	94	94
HK	102	98
Your School	112	88

### Difference between Boys/Girls (Quiet Class)

- In your school, boys ( Q = 104 ) SIMILAR TO girls ( Q = 96 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 94 ) SIMILAR TO girls ( Q = 94 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	94	94
HK	102	98
Your School	96	104

## No Wait Long Time To Quiet (Quick To Settle)

**Domains:** Science

**Construct:** Disorderly Behavior during Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of classroom management challenges in science class. A higher Q-score/P-score indicates that students in your school perceive FEWER classroom management challenges in science class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your science lessons?*

*My teacher has to wait a long time for students to be quiet*

### Item Distribution of Your Students (%)

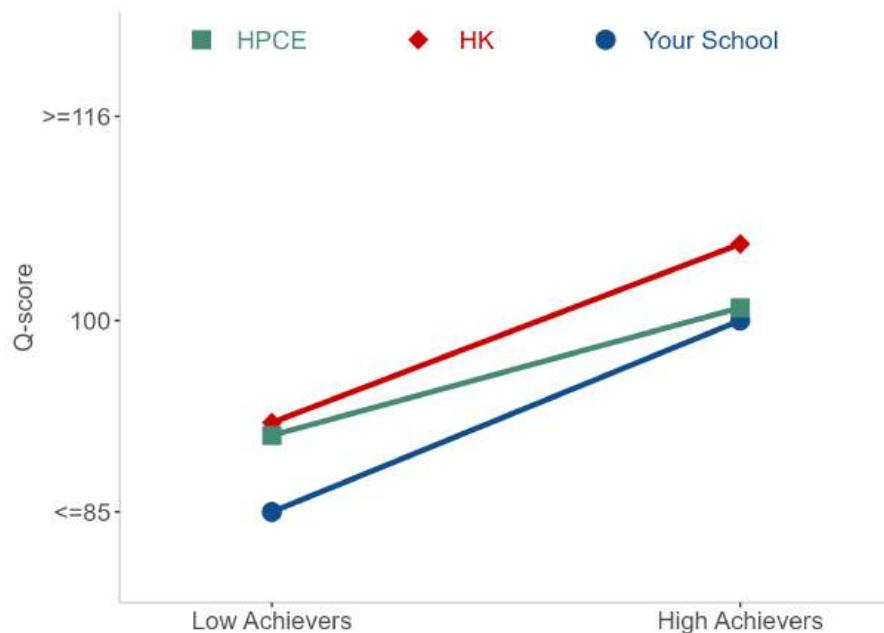
Options	Percentage
Every or almost every lesson	28.85
About half the lessons	11.54
Some lessons	26.92
Never	32.69

### Overall Performance

- Your school has Q-score 92 , P-score 29.7 .
- In HPCE, the median school Q-score is 96 , while the P-score is 39.5 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Quick To Settle)

- In your school, high achievers (  $Q = 100$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 101$  ) HIGHER THAN low achievers (  $Q = 91$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	91	101
HK	92	106
Your School	85	100

## Difference between Low/High SES (Quick To Settle)

- In your school, high SES ( Q = 85 ) LOWER THAN low SES ( Q = 100 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	96	96
HK	99	99
Your School	100	85

### Difference between Boys/Girls (Quick To Settle)

- In your school, boys ( Q = 98 ) HIGHER THAN girls ( Q = 86 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 96 ) SIMILAR TO girls ( Q = 96 ).
- Recommendation (cf. HK): Average, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	96	96
HK	100	98
Your School	86	98

## No Students Interrupt Tch (Respectful Students)

**Domains:** Science

**Construct:** Disorderly Behavior during Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of student behavior disruptions in science class. A higher Q-score/P-score indicates that students in your school perceive LOWER levels of student behavior disruptions in science class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your science lessons?*

*Students interrupt the teacher*

### Item Distribution of Your Students (%)

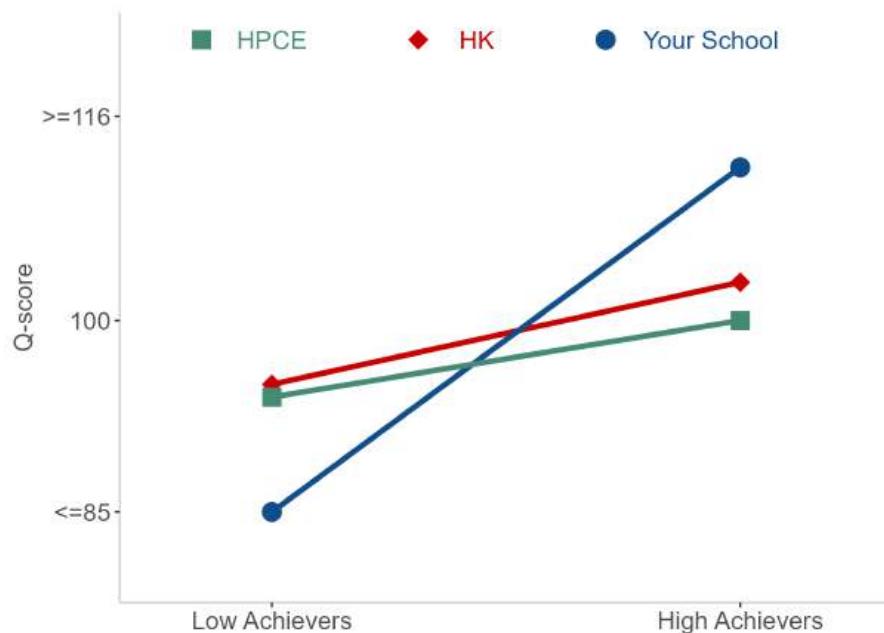
Options	Percentage
Every or almost every lesson	22.64
About half the lessons	16.98
Some lessons	18.87
Never	41.51

### Overall Performance

- Your school has Q-score 97 , P-score 42.1 .
- In HPCE, the median school Q-score is 97 , while the P-score is 42.1 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Respectful Students)

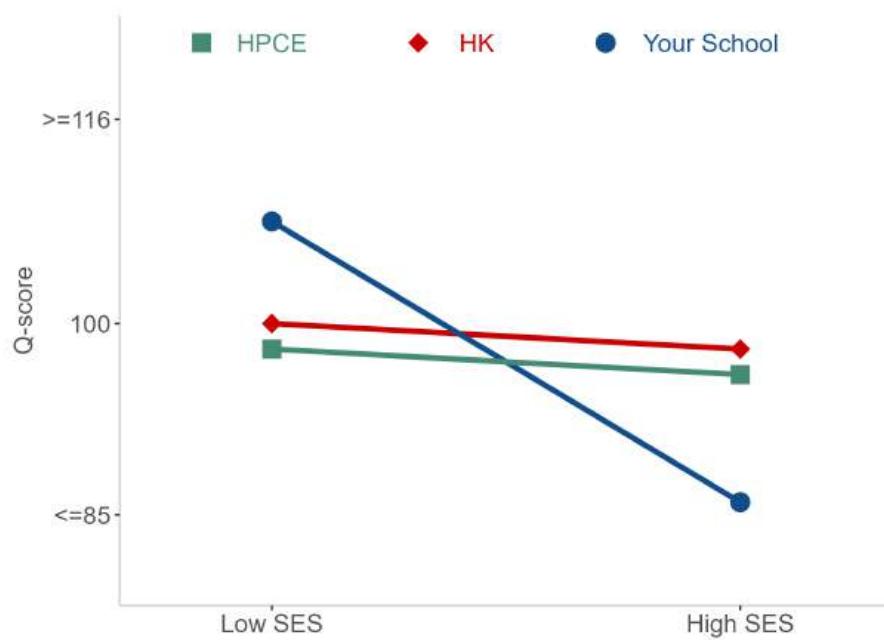
- In your school, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 103$  ) HIGHER THAN low achievers (  $Q = 95$  ).
- In HPCE, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 94$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	94	100
HK	95	103
Your School	85	112

## Difference between Low/High SES (Respectful Students)

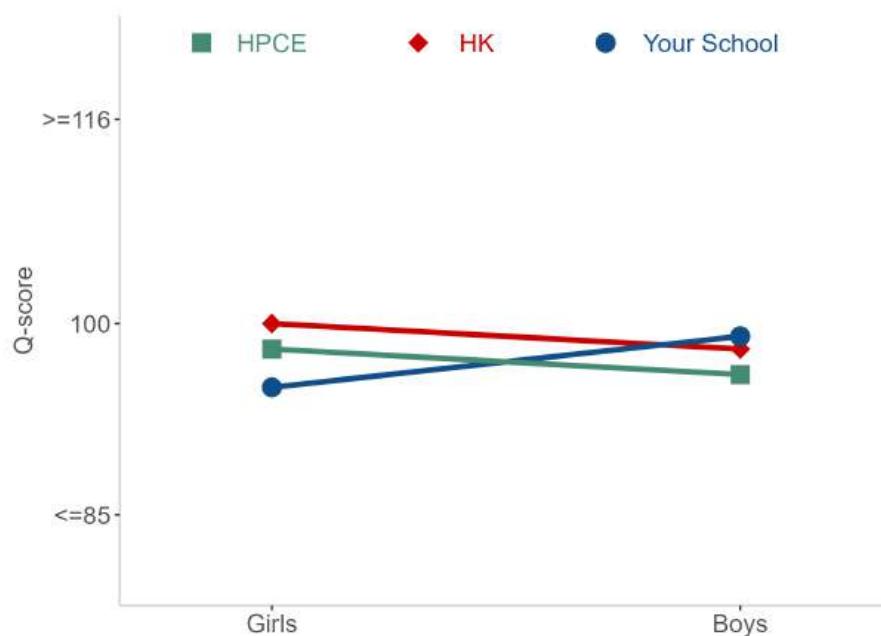
- In your school, high SES ( Q = 86 ) VERY MUCH LOWER THAN low SES ( Q = 108 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 98 ).
- Recommendation (cf. HK): Slightly weak, improve particularly high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly high SES students.



	Low SES	High SES
HPCE	98	96
HK	100	98
Your School	108	86

### Difference between Boys/Girls (Respectful Students)

- In your school, boys ( Q = 99 ) SIMILAR TO girls ( Q = 95 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 96 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	98	96
HK	100	98
Your School	95	99

## No Stds Do Not Follow Rules (Follow Rules)

**Domains:** Science

**Construct:** Disorderly Behavior during Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of student adherence to classroom rules in science class. A higher Q-score/P-score indicates that students in your school perceive HIGHER adherence to classroom rules in science class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your science lessons?*

*Students do not follow the classroom rules*

### Item Distribution of Your Students (%)

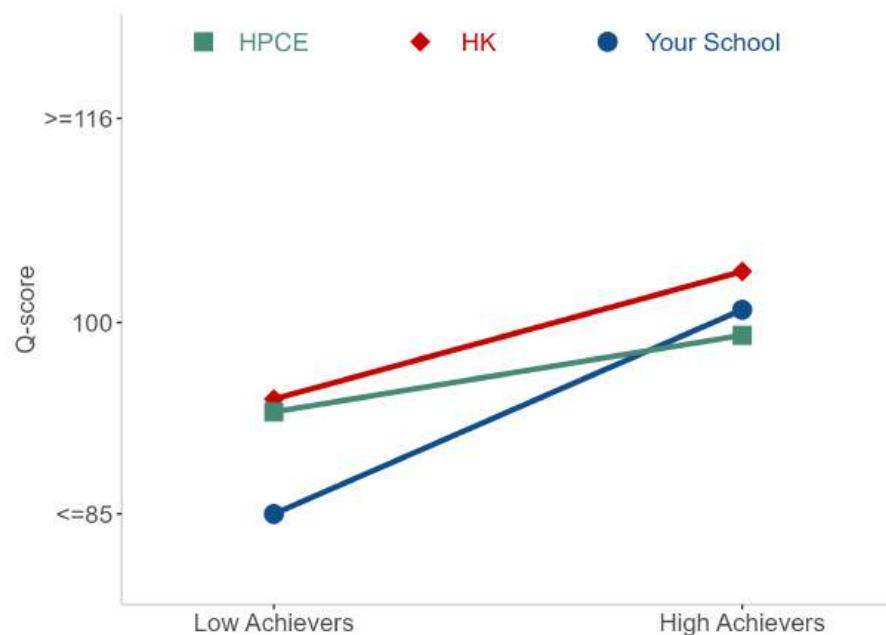
Options	Percentage
Every or almost every lesson	28.30
About half the lessons	15.09
Some lessons	22.64
Never	33.96

### Overall Performance

- Your school has Q-score 91 , P-score 27.4 .
- In HPCE, the median school Q-score is 96 , while the P-score is 39.5 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Follow Rules)

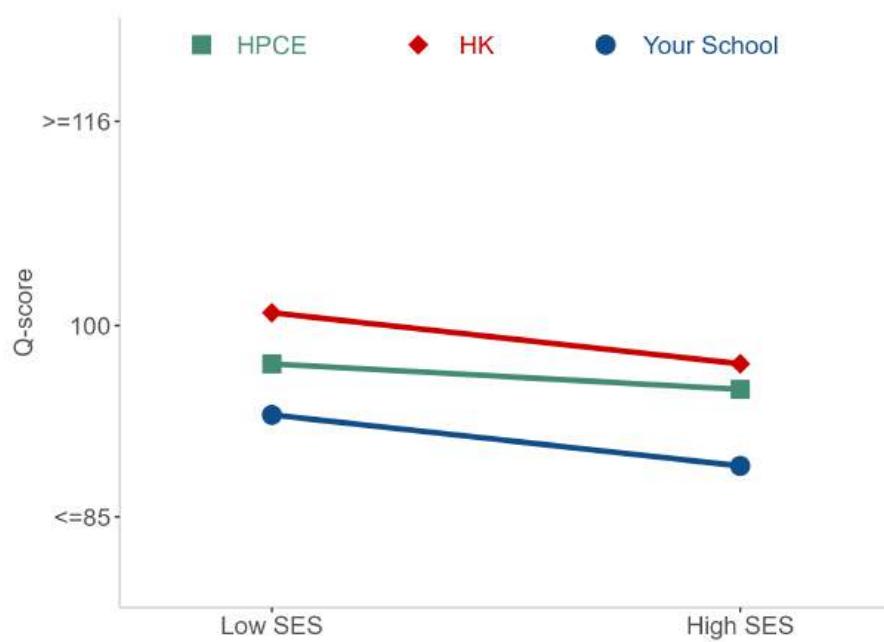
- In your school, high achievers ( Q = 101 ) HIGHER THAN low achievers ( Q = 85 ).
- In HK, high achievers ( Q = 104 ) HIGHER THAN low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 99 ) HIGHER THAN low achievers ( Q = 93 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	93	99
HK	94	104
Your School	85	101

## Difference between Low/High SES (Follow Rules)

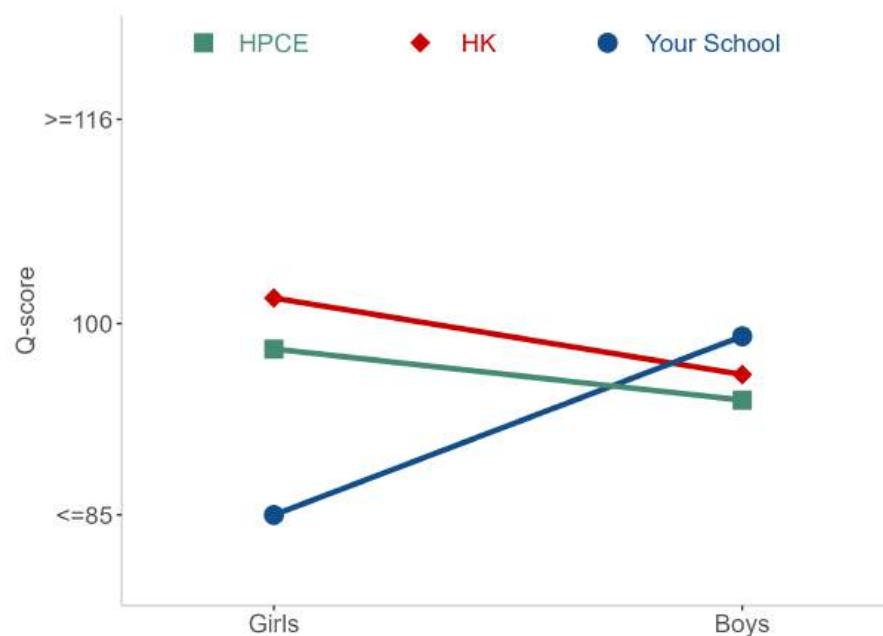
- In your school, high SES ( Q = 89 ) LOWER THAN low SES ( Q = 93 ).
- In HK, high SES ( Q = 97 ) SIMILAR TO low SES ( Q = 101 ).
- In HPCE, high SES ( Q = 95 ) SIMILAR TO low SES ( Q = 97 ).
- Recommendation (cf. HK): Good, improve high SES students.
- Recommendation (cf. HPCE): Average, improve high SES students.



	Low SES	High SES
HPCE	97	95
HK	101	97
Your School	93	89

### Difference between Boys/Girls (Follow Rules)

- In your school, boys ( Q = 99 ) HIGHER THAN girls ( Q = 85 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 94 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	98	94
HK	102	96
Your School	85	99

## No Other Stds Behavior (Positive Behavior)

**Domains:** Science

**Construct:** Disorderly Behavior during Science Lessons

**Type:** Item

**Descriptions:** This item measures students' perceptions of the impact of student behavior on their own learning in science class. A higher Q-score/P-score indicates that students in your school perceive a LOWER negative impact of student behavior on their own learning in science class compared to students in other schools in Hong Kong.

**Content:**

*How often do these things happen in your science lessons?*

*Other students' behavior makes it hard for me to concentrate*

### Item Distribution of Your Students (%)

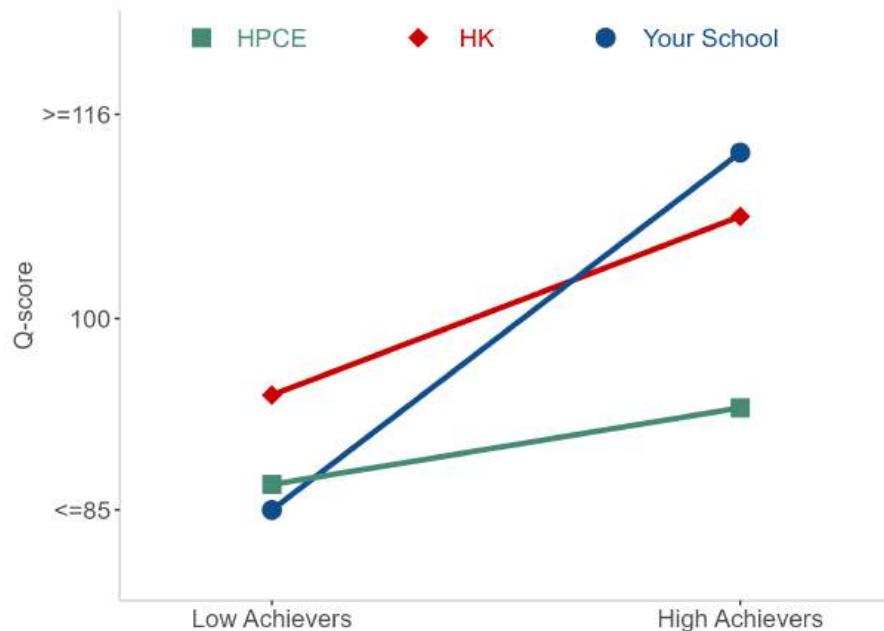
Options	Percentage
Every or almost every lesson	21.15
About half the lessons	15.38
Some lessons	13.46
Never	50.00

### Overall Performance

- Your school has Q-score 96 , P-score 39.5 .
- In HPCE, the median school Q-score is 90 , while the P-score is 25.2 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Positive Behavior)

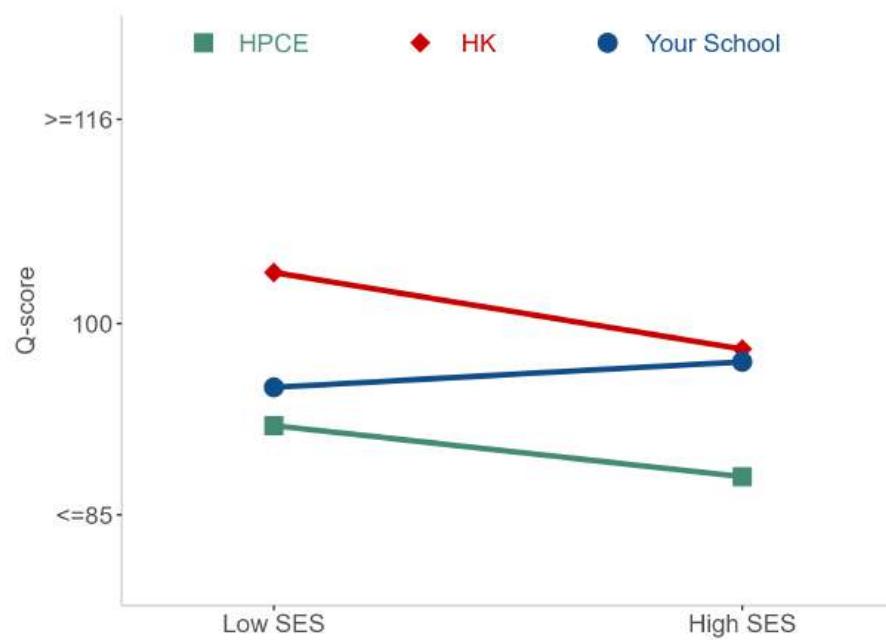
- In your school, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 93$  ) HIGHER THAN low achievers (  $Q = 87$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	87	93
HK	94	108
Your School	85	113

## Difference between Low/High SES (Positive Behavior)

- In your school, high SES ( Q = 97 ) SIMILAR TO low SES ( Q = 95 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 104 ).
- In HPCE, high SES ( Q = 88 ) SIMILAR TO low SES ( Q = 92 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	92	88
HK	104	98
Your School	95	97

### Difference between Boys/Girls (Positive Behavior)

- In your school, boys ( Q = 102 ) HIGHER THAN girls ( Q = 90 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 104 ).
- In HPCE, boys ( Q = 91 ) SIMILAR TO girls ( Q = 89 ).
- Recommendation (cf. HK): Good, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	89	91
HK	104	98
Your School	90	102

## **VI. Results: School Atmosphere**

## **Students Sense of School Belonging (School Belonging)**

**Domains:** School Atmosphere

**Construct:** Students Sense of School Belonging

**Type:** Scale

**Descriptions:** This scale measures students' sense of belonging at school. A higher Q-score/P-score indicates that students in your school have a stronger sense of school belonging compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

I like being in school

I feel safe when I am at school

I feel like I belong at this school

Teachers at my school are fair to me

I am proud to go to this school

Students in this school respect me

Students at this school like me the way I am

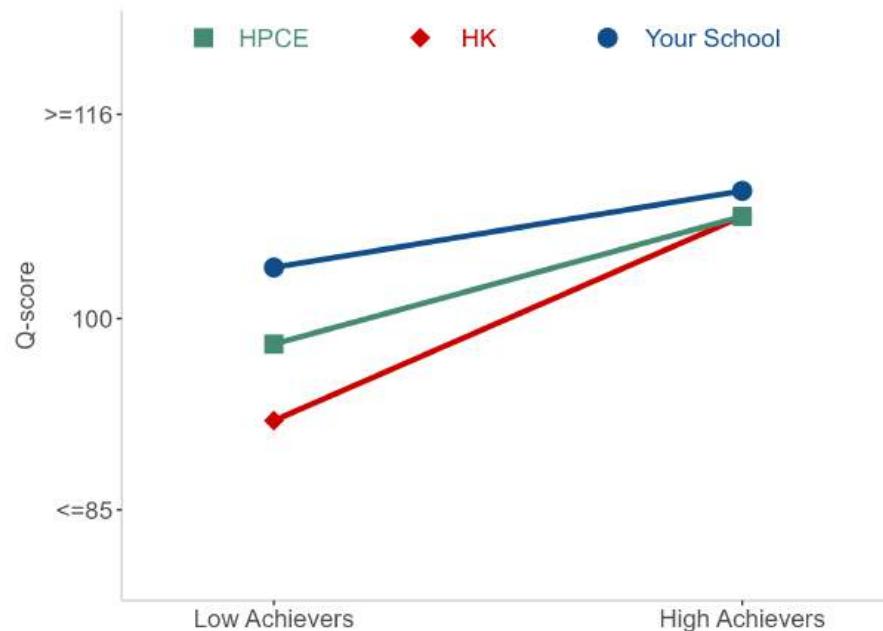
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 107 , P-score 68 .
- In HPCE, the median school Q-score is 103 , while the P-score is 57.9 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (School Belonging)

- In your school, high achievers (  $Q = 110$  ) SIMILAR TO low achievers (  $Q = 104$  ).
- In HK, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 108$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	98	108
HK	92	108
Your School	104	110

## Difference between Low/High SES (School Belonging)

- In your school, high SES ( Q = 109 ) SIMILAR TO low SES ( Q = 105 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 100 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	100	106
HK	98	102
Your School	105	109

### Difference between Boys/Girls (School Belonging)

- In your school, boys ( Q = 104 ) SIMILAR TO girls ( Q = 110 ).
- In HK, boys ( Q = 92 ) LOWER THAN girls ( Q = 108 ).
- In HPCE, boys ( Q = 98 ) LOWER THAN girls ( Q = 108 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	108	98
HK	108	92
Your School	110	104

## **Being In School (In School)**

**Domains:** School Atmosphere

**Construct:** Students Sense of School Belonging

**Type:** Item

**Descriptions:** This item measures students' overall liking of school. A higher Q-score/P-score indicates that students in your school have a higher overall liking of school compared to students in other schools in Hong Kong.

**Content:**

*What do you think about your school? Tell how much you agree with these statements.*

*I like being in school*

### **Item Distribution of Your Students (%)**

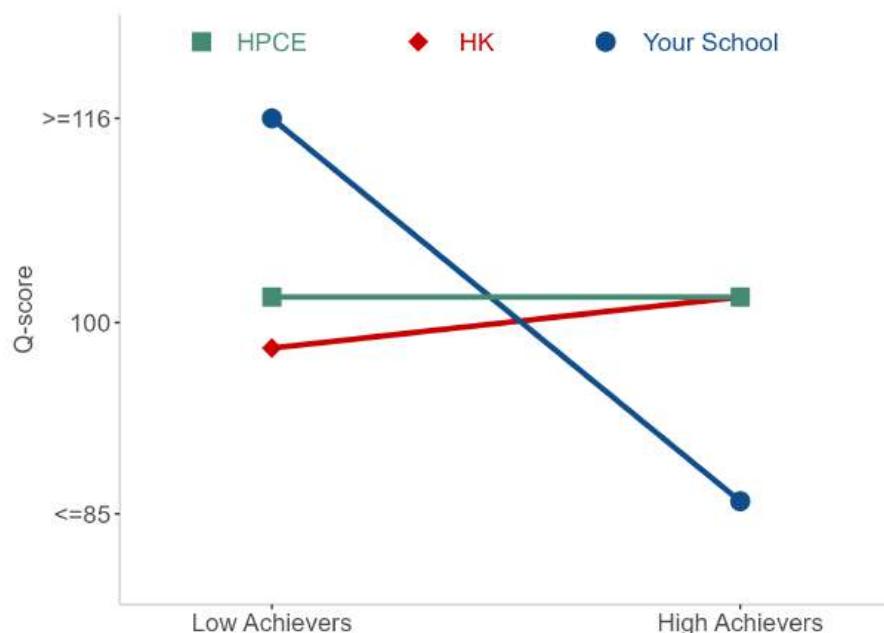
Options	Percentage
Agree a lot	41.18
Agree a little	37.25
Disagree a little	7.84
Disagree a lot	13.73

### **Overall Performance**

- Your school has Q-score 101 , P-score 52.7 .
- In HPCE, the median school Q-score is 102 , while the P-score is 55.3 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (In School)

- In your school, high achievers ( Q = 86 ) VERY MUCH LOWER THAN low achievers ( Q = 116 ).
- In HK, high achievers ( Q = 102 ) HIGHER THAN low achievers ( Q = 98 ).
- In HPCE, high achievers ( Q = 102 ) SIMILAR TO low achievers ( Q = 102 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	102	102
HK	98	102
Your School	116	86

### Difference between Low/High SES (In School)

- In your school, high SES ( Q = 105 ) HIGHER THAN low SES ( Q = 97 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 102 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	102	102
HK	100	100
Your School	97	105

## Difference between Boys/Girls (In School)

- In your school, boys ( Q = 94 ) LOWER THAN girls ( Q = 108 ).
- In HK, boys ( Q = 95 ) LOWER THAN girls ( Q = 105 ).
- In HPCE, boys ( Q = 98 ) LOWER THAN girls ( Q = 106 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	106	98
HK	105	95
Your School	108	94

## **Safe At School (Safe at School)**

**Domains:** School Atmosphere

**Construct:** Students Sense of School Belonging

**Type:** Item

**Descriptions:** This item measures students' perceptions of school safety. A higher Q-score/P-score indicates that students in your school feel safer at school compared to students in other schools in Hong Kong.

**Content:**

*What do you think about your school? Tell how much you agree with these statements.*

*I feel safe when I am at school*

### **Item Distribution of Your Students (%)**

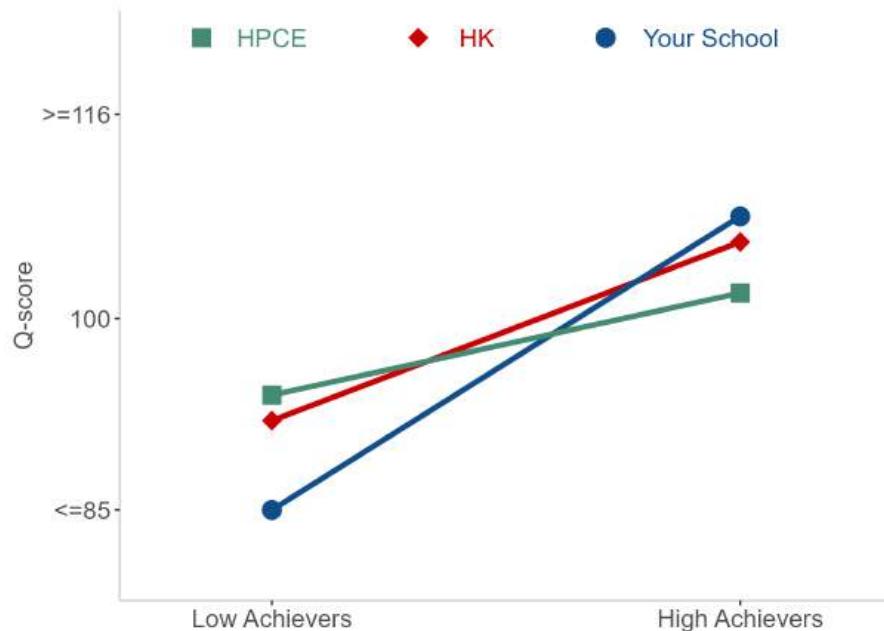
Options	Percentage
Agree a lot	50.98
Agree a little	25.49
Disagree a little	17.65
Disagree a lot	5.88

### **Overall Performance**

- Your school has Q-score 94 , P-score 34.5 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Safe at School)

- In your school, high achievers ( Q = 108 ) HIGHER THAN low achievers ( Q = 85 ).
- In HK, high achievers ( Q = 106 ) HIGHER THAN low achievers ( Q = 92 ).
- In HPCE, high achievers ( Q = 102 ) SIMILAR TO low achievers ( Q = 94 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	94	102
HK	92	106
Your School	85	108

### Difference between Low/High SES (Safe at School)

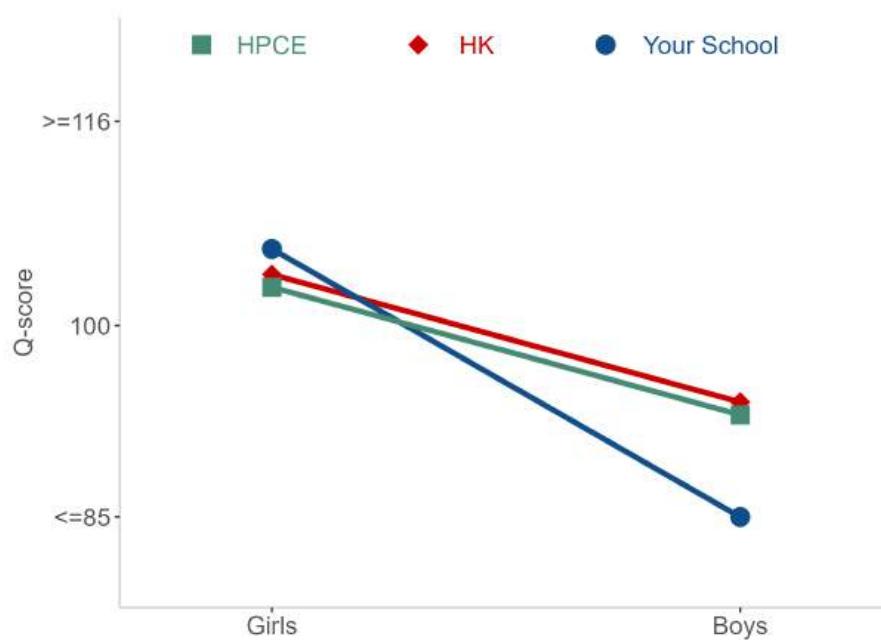
- In your school, high SES ( Q = 88 ) LOWER THAN low SES ( Q = 100 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 98 ).
- Recommendation (cf. HK): Average, improve high SES students.
- Recommendation (cf. HPCE): Average, improve high SES students.



	Low SES	High SES
HPCE	98	98
HK	99	99
Your School	100	88

## Difference between Boys/Girls (Safe at School)

- In your school, boys ( Q = 85 ) VERY MUCH LOWER THAN girls ( Q = 106 ).
- In HK, boys ( Q = 94 ) LOWER THAN girls ( Q = 104 ).
- In HPCE, boys ( Q = 93 ) SIMILAR TO girls ( Q = 103 ).
- Recommendation (cf. HK): Slightly weak, improve particularly boys.
- Recommendation (cf. HPCE): Slightly weak, improve particularly boys.



	Girls	Boys
HPCE	103	93
HK	104	94
Your School	106	85

## **Belong At School (Belong at School)**

**Domains:** School Atmosphere

**Construct:** Students Sense of School Belonging

**Type:** Item

**Descriptions:** This item measures students' sense of belonging at school. A higher Q-score/P-score indicates that students in your school have a stronger sense of belonging at school compared to students in other schools in Hong Kong.

**Content:**

*What do you think about your school? Tell how much you agree with these statements.*

*I feel like I belong at this school*

### **Item Distribution of Your Students (%)**

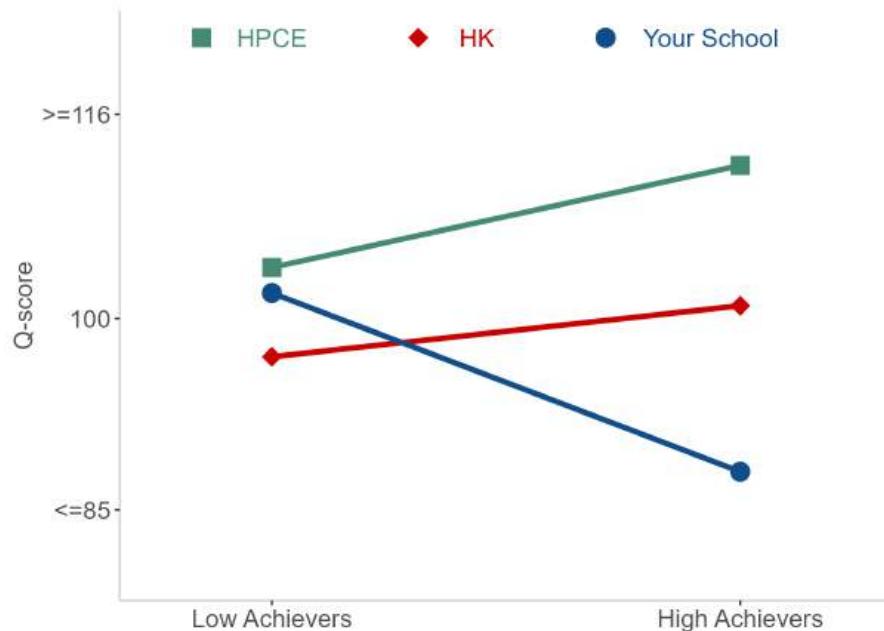
Options	Percentage
Agree a lot	45.10
Agree a little	35.29
Disagree a little	5.88
Disagree a lot	13.73

### **Overall Performance**

- Your school has Q-score 95 , P-score 36.9 .
- In HPCE, the median school Q-score is 108 , while the P-score is 70.3 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Belong at School)

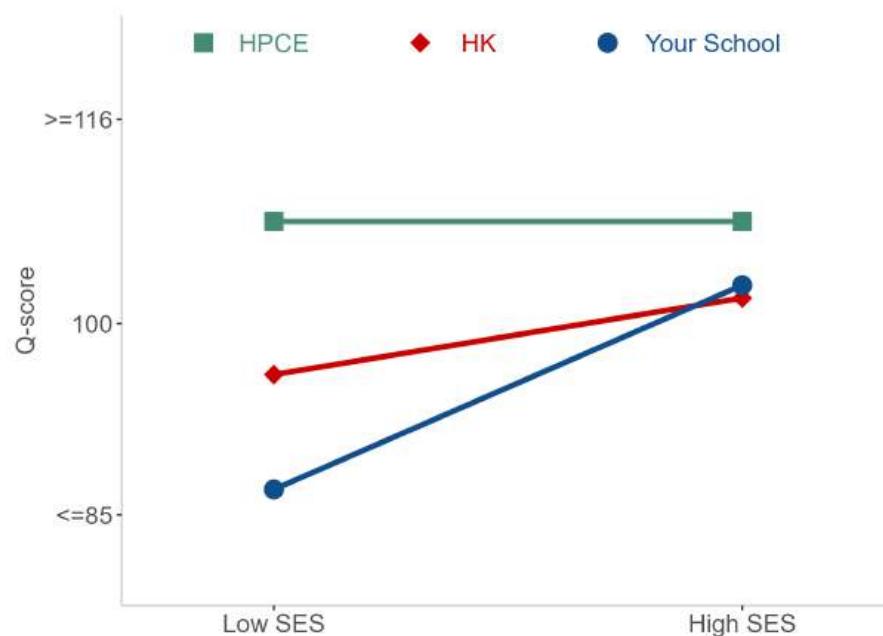
- In your school, high achievers ( Q = 88 ) LOWER THAN low achievers ( Q = 102 ).
- In HK, high achievers ( Q = 101 ) SIMILAR TO low achievers ( Q = 97 ).
- In HPCE, high achievers ( Q = 112 ) HIGHER THAN low achievers ( Q = 104 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	104	112
HK	97	101
Your School	102	88

## Difference between Low/High SES (Belong at School)

- In your school, high SES ( Q = 103 ) HIGHER THAN low SES ( Q = 87 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 108 ).
- Recommendation (cf. HK): Slightly weak, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	108	108
HK	96	102
Your School	87	103

### Difference between Boys/Girls (Belong at School)

- In your school, boys ( Q = 100 ) SIMILAR TO girls ( Q = 90 ).
- In HK, boys ( Q = 92 ) LOWER THAN girls ( Q = 106 ).
- In HPCE, boys ( Q = 105 ) SIMILAR TO girls ( Q = 111 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	111	105
HK	106	92
Your School	90	100

## **Teachers Care (Teachers Care)**

**Domains:** School Atmosphere

**Construct:** Students Sense of School Belonging

**Type:** Item

**Descriptions:** This item measures students' perceptions of teacher fairness. A higher Q-score/P-score indicates that students in your school perceive teachers at their school as being fairer to them compared to students in other schools in Hong Kong.

**Content:**

*What do you think about your school? Tell how much you agree with these statements.*

*Teachers at my school are fair to me*

### **Item Distribution of Your Students (%)**

Options	Percentage
Agree a lot	56.86
Agree a little	31.37
Disagree a little	9.80
Disagree a lot	1.96

### **Overall Performance**

- Your school has Q-score 100 , P-score 50 .
- In HPCE, the median school Q-score is 100 , while the P-score is 50 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Teachers Care)

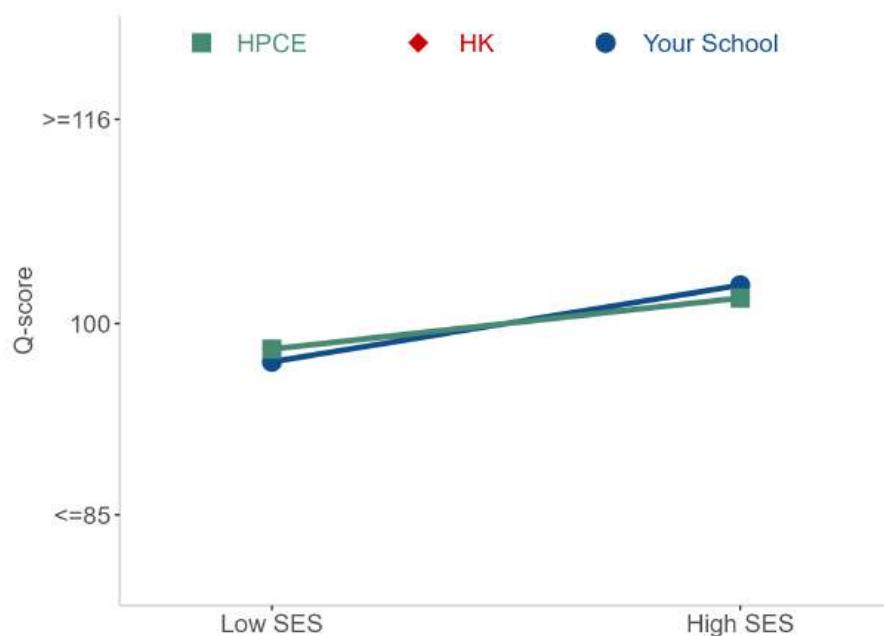
- In your school, high achievers (  $Q = 109$  ) HIGHER THAN low achievers (  $Q = 91$  ).
- In HK, high achievers (  $Q = 109$  ) HIGHER THAN low achievers (  $Q = 91$  ).
- In HPCE, high achievers (  $Q = 104$  ) SIMILAR TO low achievers (  $Q = 96$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	96	104
HK	91	109
Your School	91	109

### Difference between Low/High SES (Teachers Care)

- In your school, high SES ( Q = 103 ) SIMILAR TO low SES ( Q = 97 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	98	102
HK	98	102
Your School	97	103

## Difference between Boys/Girls (Teachers Care)

- In your school, boys ( Q = 96 ) LOWER THAN girls ( Q = 104 ).
- In HK, boys ( Q = 91 ) LOWER THAN girls ( Q = 109 ).
- In HPCE, boys ( Q = 96 ) LOWER THAN girls ( Q = 104 ).
- Recommendation (cf. HK): Good, improve boys.
- Recommendation (cf. HPCE): Good, improve boys.



	Girls	Boys
HPCE	104	96
HK	109	91
Your School	104	96

## Proud To Go To This School (Proud of School)

**Domains:** School Atmosphere

**Construct:** Students Sense of School Belonging

**Type:** Item

**Descriptions:** This item measures students' school pride. A higher Q-score/P-score indicates that students in your school have higher school pride compared to students in other schools in Hong Kong.

**Content:**

*What do you think about your school? Tell how much you agree with these statements.*

*I am proud to go to this school*

### Item Distribution of Your Students (%)

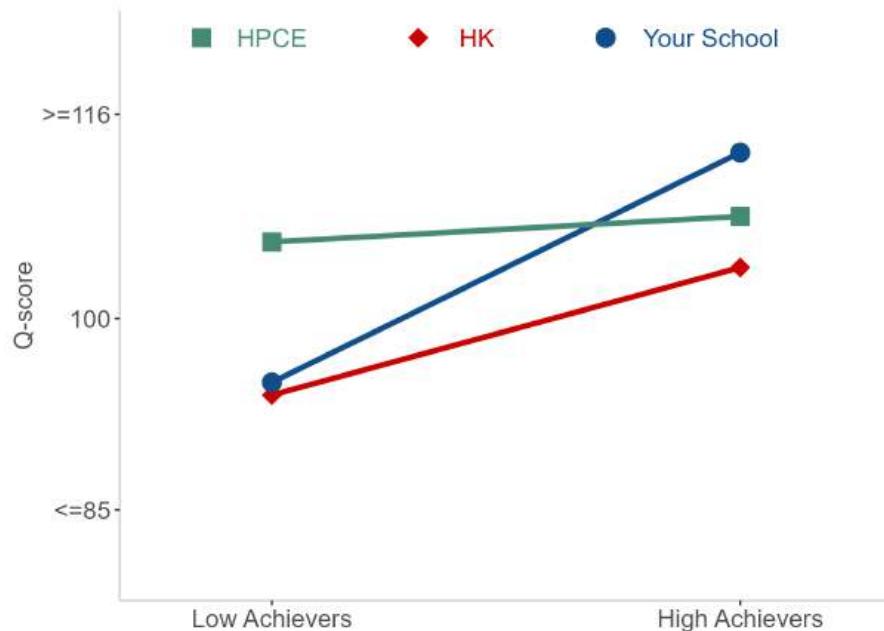
Options	Percentage
Agree a lot	52.94
Agree a little	27.45
Disagree a little	7.84
Disagree a lot	11.76

### Overall Performance

- Your school has Q-score 104 , P-score 60.5 .
- In HPCE, the median school Q-score is 107 , while the P-score is 68 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Proud of School)

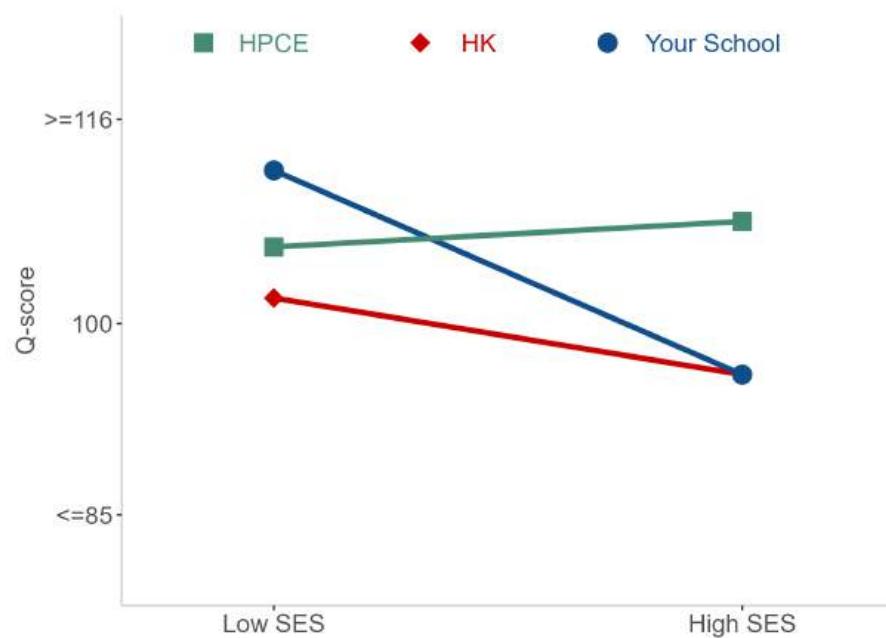
- In your school, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 95$  ).
- In HK, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 108$  ) SIMILAR TO low achievers (  $Q = 106$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	106	108
HK	94	104
Your School	95	113

### Difference between Low/High SES (Proud of School)

- In your school, high SES ( Q = 96 ) LOWER THAN low SES ( Q = 112 ).
- In HK, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 106 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	106	108
HK	102	96
Your School	112	96

### Difference between Boys/Girls (Proud of School)

- In your school, boys ( Q = 106 ) SIMILAR TO girls ( Q = 102 ).
- In HK, boys ( Q = 95 ) LOWER THAN girls ( Q = 103 ).
- In HPCE, boys ( Q = 104 ) LOWER THAN girls ( Q = 110 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	110	104
HK	103	95
Your School	102	106

## **Students Respect (Respectful Students)**

**Domains:** School Atmosphere

**Construct:** Students Sense of School Belonging

**Type:** Item

**Descriptions:** This item measures students' perceptions of peer acceptance. A higher Q-score/P-score indicates that students in your school perceive that they are more accepted by their peers for who they are compared to students in other schools in Hong Kong.

**Content:**

*What do you think about your school? Tell how much you agree with these statements.*

*Students in this school respect me*

### **Item Distribution of Your Students (%)**

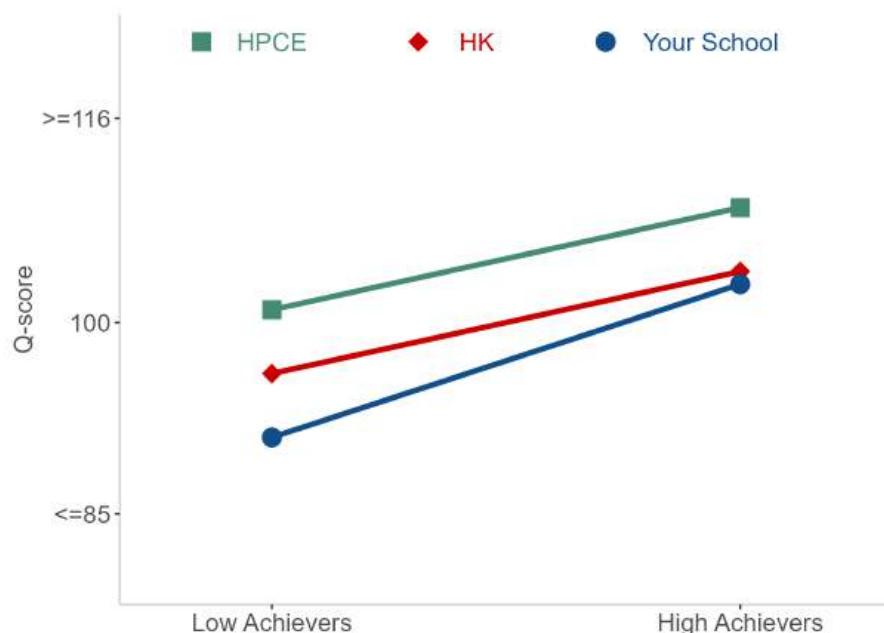
Options	Percentage
Agree a lot	78
Agree a little	18
Disagree a little	2
Disagree a lot	2

### **Overall Performance**

- Your school has Q-score 97 , P-score 42.1 .
- In HPCE, the median school Q-score is 105 , while the P-score is 63.1 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Respectful Students)

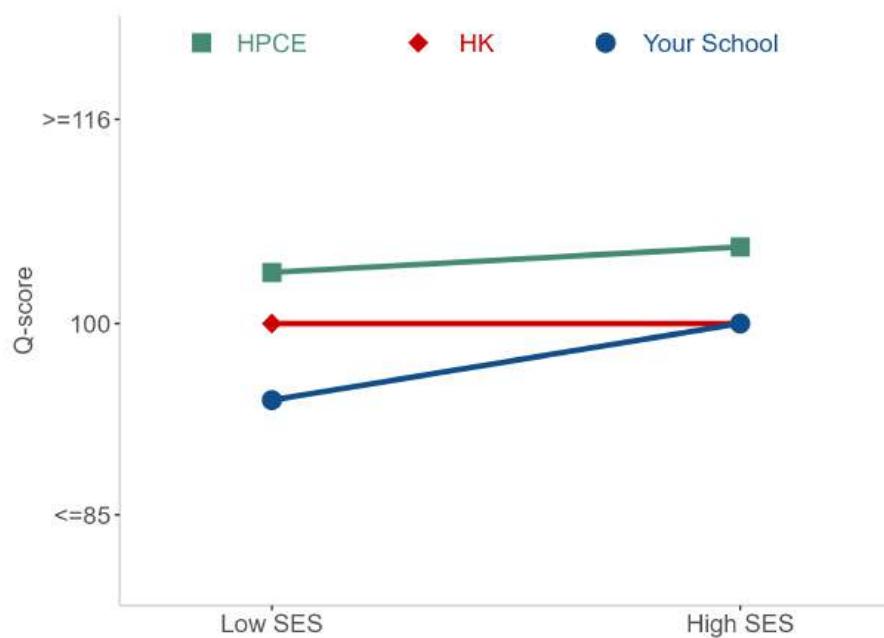
- In your school, high achievers (  $Q = 103$  ) HIGHER THAN low achievers (  $Q = 91$  ).
- In HK, high achievers (  $Q = 104$  ) SIMILAR TO low achievers (  $Q = 96$  ).
- In HPCE, high achievers (  $Q = 109$  ) SIMILAR TO low achievers (  $Q = 101$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	101	109
HK	96	104
Your School	91	103

### Difference between Low/High SES (Respectful Students)

- In your school, high SES ( Q = 100 ) HIGHER THAN low SES ( Q = 94 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 104 ).
- Recommendation (cf. HK): Average, improve low SES students.
- Recommendation (cf. HPCE): Average, improve low SES students.



	Low SES	High SES
HPCE	104	106
HK	100	100
Your School	94	100

## Difference between Boys/Girls (Respectful Students)

- In your school, boys ( Q = 92 ) LOWER THAN girls ( Q = 102 ).
- In HK, boys ( Q = 98 ) LOWER THAN girls ( Q = 102 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 106 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	106	104
HK	102	98
Your School	102	92

## **Students Like (Like School)**

**Domains:** School Atmosphere

**Construct:** Students Sense of School Belonging

**Type:** Item

**Descriptions:** This item measures students' perceptions of peer acceptance. A higher Q-score/P-score indicates that students in your school perceive that they are more accepted by their peers for who they are compared to students in other schools in Hong Kong.

**Content:**

*What do you think about your school? Tell how much you agree with these statements.*

*Students at this school like me the way I am*

### **Item Distribution of Your Students (%)**

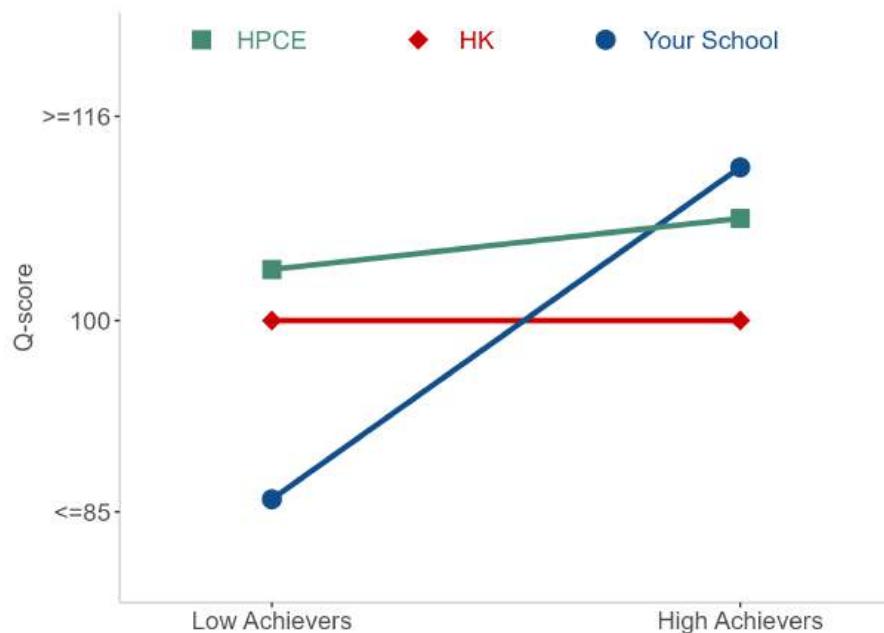
Options	Percentage
Agree a lot	41.18
Agree a little	37.25
Disagree a little	9.80
Disagree a lot	11.76

### **Overall Performance**

- Your school has Q-score 99 , P-score 47.3 .
- In HPCE, the median school Q-score is 106 , while the P-score is 65.5 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Like School)

- In your school, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HK, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 100$  ).
- In HPCE, high achievers (  $Q = 108$  ) SIMILAR TO low achievers (  $Q = 104$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	104	108
HK	100	100
Your School	86	112

### Difference between Low/High SES (Like School)

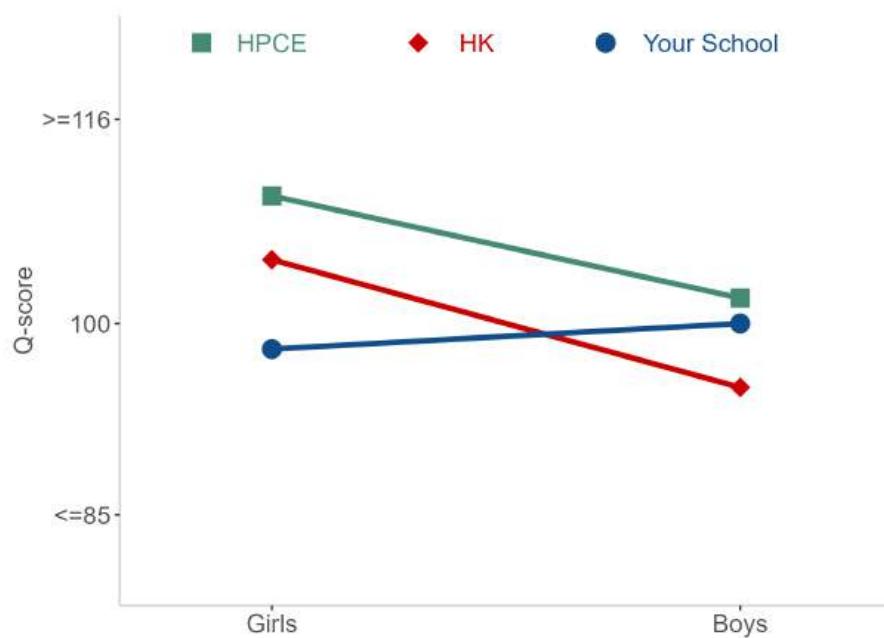
- In your school, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 96 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 104 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	104	108
HK	96	104
Your School	96	102

## Difference between Boys/Girls (Like School)

- In your school, boys ( Q = 100 ) SIMILAR TO girls ( Q = 98 ).
- In HK, boys ( Q = 95 ) LOWER THAN girls ( Q = 105 ).
- In HPCE, boys ( Q = 102 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	110	102
HK	105	95
Your School	98	100

## No Student Bullying (No Bullying)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Scale

**Descriptions:** This scale assesses the prevalence of student bullying. A higher Q-score/P-score indicates that students in your school experience lower levels of student bullying compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

Made fun of me or called me names

Left me out of their games or activities

Spread lies about me

Stole something from me

Damaged something of mine on purpose

Hit or hurt me (e.g., shoving, hitting, kicking)

Made me do things I didn't want to do

Sent me nasty or hurtful messages online

Shared nasty or hurtful things about me online

Shared embarrassing photos of me online

Threatened me

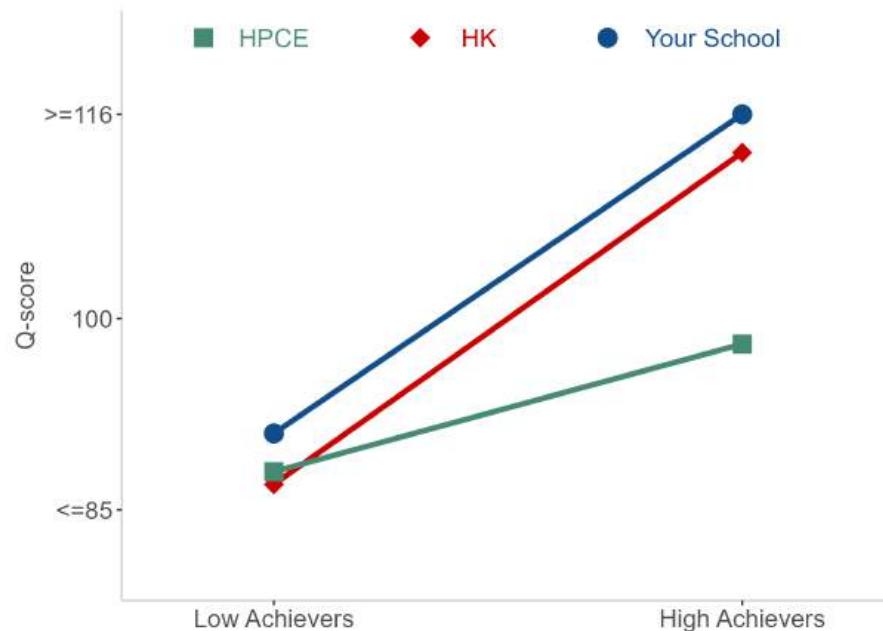
For further details on the aforementioned items, please refer to the subsequent sections.

### Overall Performance

- Your school has Q-score 109 , P-score 72.6 .
- In HPCE, the median school Q-score is 93 , while the P-score is 32 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (No Bullying)

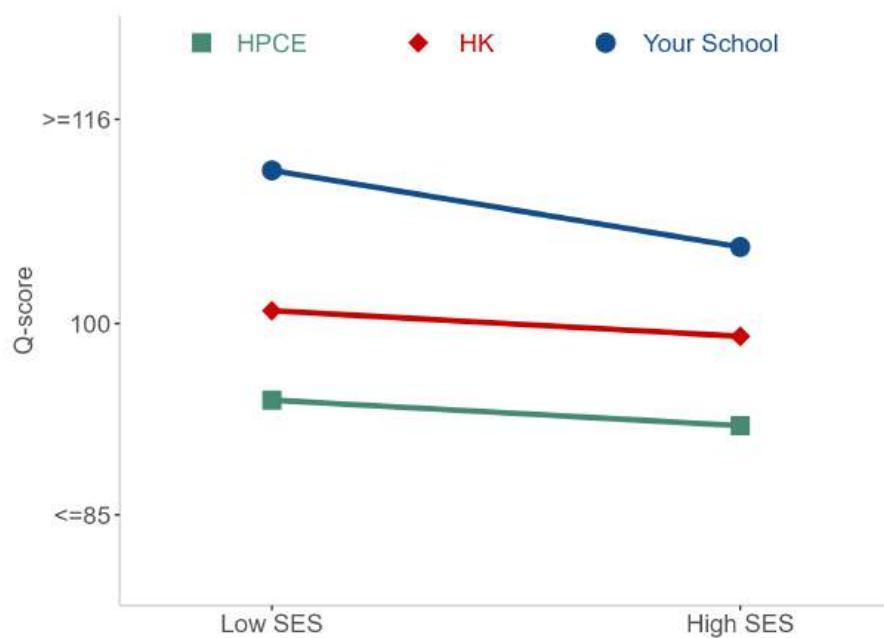
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 91$  ).
- In HK, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 87$  ).
- In HPCE, high achievers (  $Q = 98$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	88	98
HK	87	113
Your School	91	116

### Difference between Low/High SES (No Bullying)

- In your school, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 112 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 101 ).
- In HPCE, high SES ( Q = 92 ) SIMILAR TO low SES ( Q = 94 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	94	92
HK	101	99
Your School	112	106

## Difference between Boys/Girls (No Bullying)

- In your school, boys ( Q = 104 ) SIMILAR TO girls ( Q = 114 ).
- In HK, boys ( Q = 90 ) VERY MUCH LOWER THAN girls ( Q = 110 ).
- In HPCE, boys ( Q = 88 ) LOWER THAN girls ( Q = 98 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	98	88
HK	110	90
Your School	114	104

## No Made Fun Of (No Teased)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' perceptions of bullying or name-calling in the classroom. A higher Q-score/P-score indicates that students in your school perceive LOWER levels of bullying and name-calling compared to students in other schools in Hong Kong.

**Content:**

\*\*

*Made fun of me or called me names*

### Item Distribution of Your Students (%)

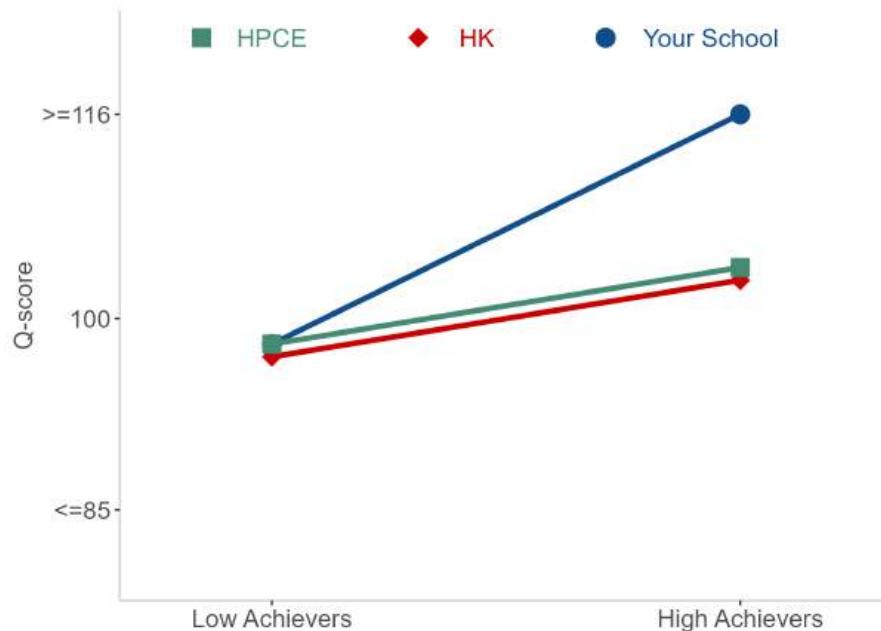
Options	Percentage
At least once a week	15.09
Once or twice a month	13.21
A few times a year	16.98
Never	54.72

### Overall Performance

- Your school has Q-score 111 , P-score 76.8 .
- In HPCE, the median school Q-score is 101 , while the P-score is 52.7 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (No Teased)

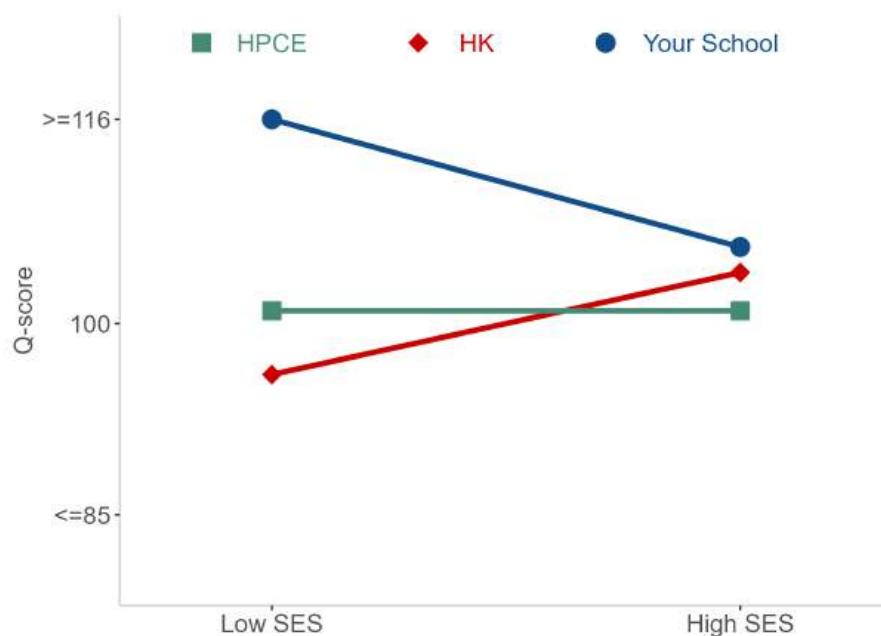
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 98$  ).
- In HK, high achievers (  $Q = 103$  ) HIGHER THAN low achievers (  $Q = 97$  ).
- In HPCE, high achievers (  $Q = 104$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	98	104
HK	97	103
Your School	98	116

### Difference between Low/High SES (No Teased)

- In your school, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 116 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 101 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	101	101
HK	96	104
Your School	116	106

### Difference between Boys/Girls (No Teased)

- In your school, boys ( Q = 110 ) SIMILAR TO girls ( Q = 112 ).
- In HK, boys ( Q = 92 ) LOWER THAN girls ( Q = 108 ).
- In HPCE, boys ( Q = 92 ) LOWER THAN girls ( Q = 110 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	110	92
HK	108	92
Your School	112	110

## No Left Out Of Games (No Excluded From Games)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' perceptions of social inclusion and peer acceptance. A higher Q-score/P-score indicates that students in your school perceive LOWER levels of social exclusion and higher levels of peer acceptance compared to students in other schools in Hong Kong.

**Content:**

\*\*

*Left me out of their games or activities*

### Item Distribution of Your Students (%)

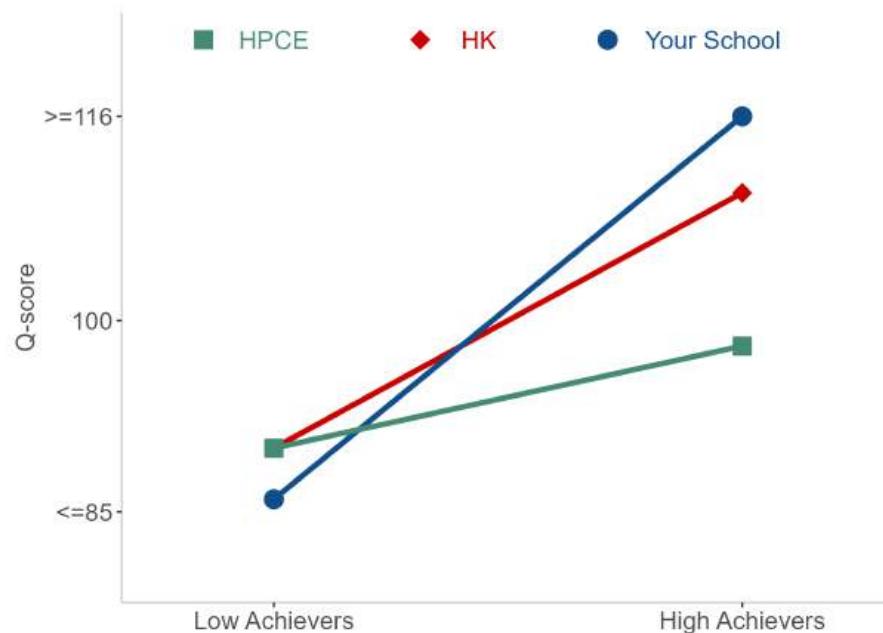
Options	Percentage
At least once a week	9.43
Once or twice a month	5.66
A few times a year	16.98
Never	67.92

### Overall Performance

- Your school has Q-score 103 , P-score 57.9 .
- In HPCE, the median school Q-score is 94 , while the P-score is 34.5 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (No Excluded From Games)

- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- In HPCE, high achievers (  $Q = 98$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	90	98
HK	90	110
Your School	86	116

### Difference between Low/High SES (No Excluded From Games)

- In your school, high SES ( Q = 97 ) LOWER THAN low SES ( Q = 109 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 94 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	94	94
HK	102	98
Your School	109	97

### Difference between Boys/Girls (No Excluded From Games)

- In your school, boys ( Q = 97 ) LOWER THAN girls ( Q = 109 ).
- In HK, boys ( Q = 92 ) LOWER THAN girls ( Q = 108 ).
- In HPCE, boys ( Q = 90 ) LOWER THAN girls ( Q = 98 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	98	90
HK	108	92
Your School	109	97

## No Spread Lies About Me (No Spread Lies)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' experiences with rumor-spreading. A higher Q-score/P-score indicates that students in your school have experienced rumor-spreading about them LESS frequently compared to students in other schools in Hong Kong.

**Content:**

*During this school year, how often have other students from your school done any of the following things to you, including through texting or the Internet?*

*Spread lies about me*

### Item Distribution of Your Students (%)

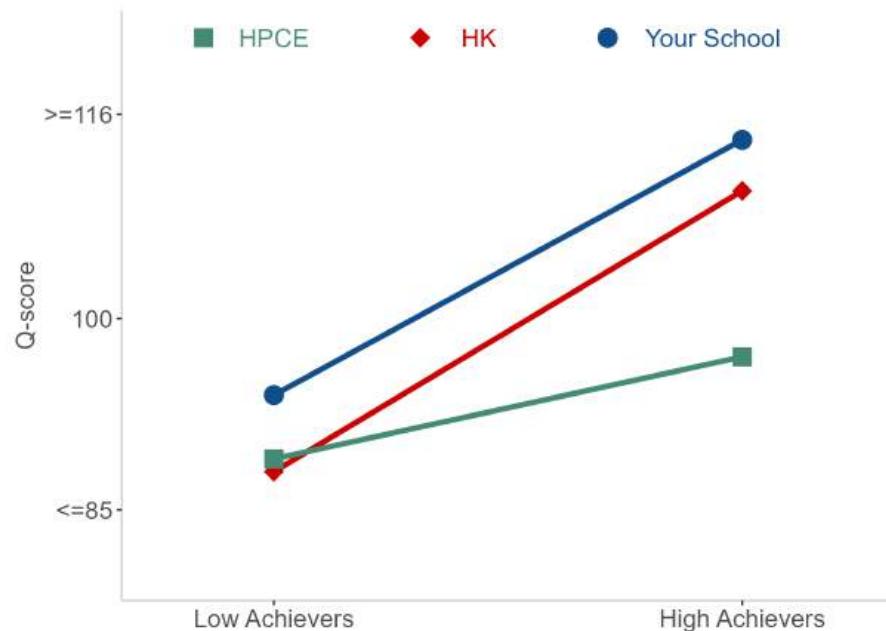
Options	Percentage
At least once a week	7.55
Once or twice a month	11.32
A few times a year	7.55
Never	73.58

### Overall Performance

- Your school has Q-score 104 , P-score 60.5 .
- In HPCE, the median school Q-score is 93 , while the P-score is 32 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (No Spread Lies)

- In your school, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HPCE, high achievers (  $Q = 97$  ) HIGHER THAN low achievers (  $Q = 89$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	89	97
HK	88	110
Your School	94	114

### Difference between Low/High SES (No Spread Lies)

- In your school, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 102 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 93 ) SIMILAR TO low SES ( Q = 93 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	93	93
HK	99	99
Your School	102	106

## Difference between Boys/Girls (No Spread Lies)

- In your school, boys ( Q = 96 ) LOWER THAN girls ( Q = 112 ).
- In HK, boys ( Q = 91 ) LOWER THAN girls ( Q = 107 ).
- In HPCE, boys ( Q = 87 ) LOWER THAN girls ( Q = 99 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	99	87
HK	107	91
Your School	112	96

## No Stole Things From Me (No Stolen From Me)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' experiences with theft. A higher Q-score/P-score indicates that students in your school have experienced theft LESS frequently compared to students in other schools in Hong Kong.

**Content:**

*During this school year, how often have other students from your school done any of the following things to you, including through texting or the Internet?*

*Stole something from me*

### Item Distribution of Your Students (%)

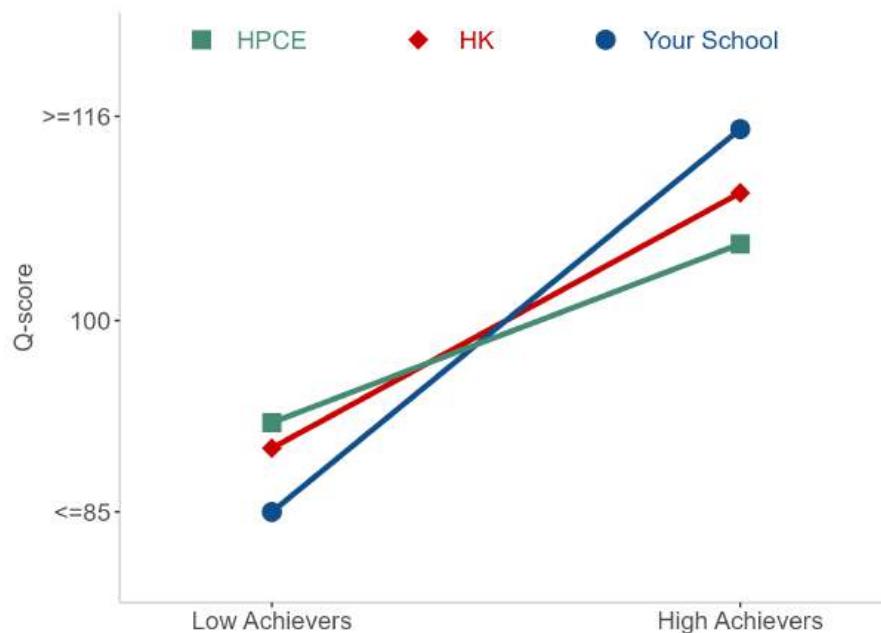
Options	Percentage
At least once a week	5.66
Once or twice a month	15.09
A few times a year	13.21
Never	66.04

### Overall Performance

- Your school has Q-score 98 , P-score 44.7 .
- In HPCE, the median school Q-score is 99 , while the P-score is 47.3 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (No Stolen From Me)

- In your school, high achievers (  $Q = 115$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- In HPCE, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	92	106
HK	90	110
Your School	85	115

### Difference between Low/High SES (No Stolen From Me)

- In your school, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 96 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 101 ).
- In HPCE, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	100	98
HK	101	99
Your School	96	100

## Difference between Boys/Girls (No Stolen From Me)

- In your school, boys ( Q = 92 ) LOWER THAN girls ( Q = 104 ).
- In HK, boys ( Q = 92 ) LOWER THAN girls ( Q = 108 ).
- In HPCE, boys ( Q = 94 ) LOWER THAN girls ( Q = 104 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	104	94
HK	108	92
Your School	104	92

## No Damaged Something (No Damaged)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' experiences with property damage. A higher Q-score/P-score indicates that students in your school have experienced property damage caused by others on purpose LESS frequently compared to students in other schools in Hong Kong.

**Content:**

*During this school year, how often have other students from your school done any of the following things to you, including through texting or the Internet?*

*Damaged something of mine on purpose*

### Item Distribution of Your Students (%)

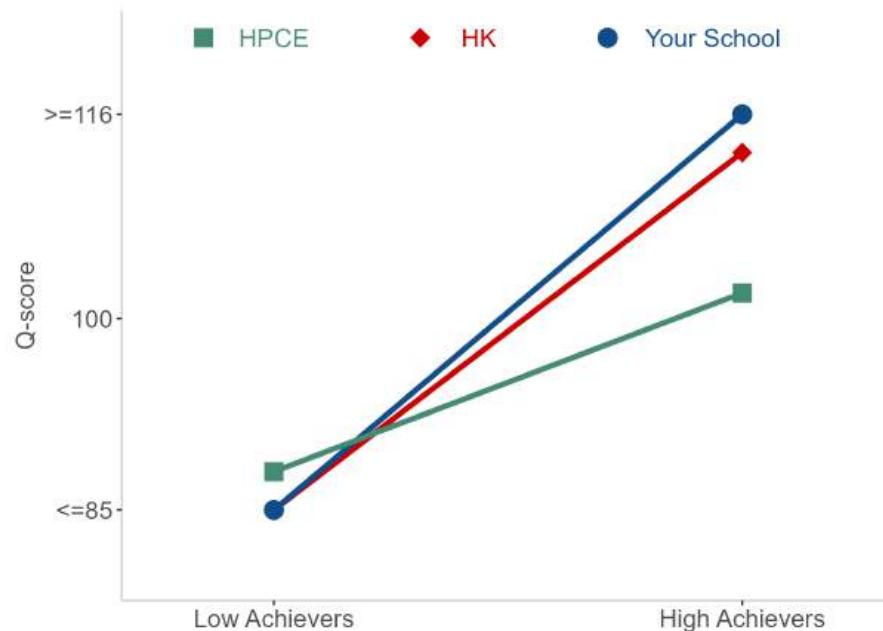
Options	Percentage
At least once a week	3.77
Once or twice a month	7.55
A few times a year	9.43
Never	79.25

### Overall Performance

- Your school has Q-score 102 , P-score 55.3 .
- In HPCE, the median school Q-score is 95 , while the P-score is 36.9 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (No Damaged)

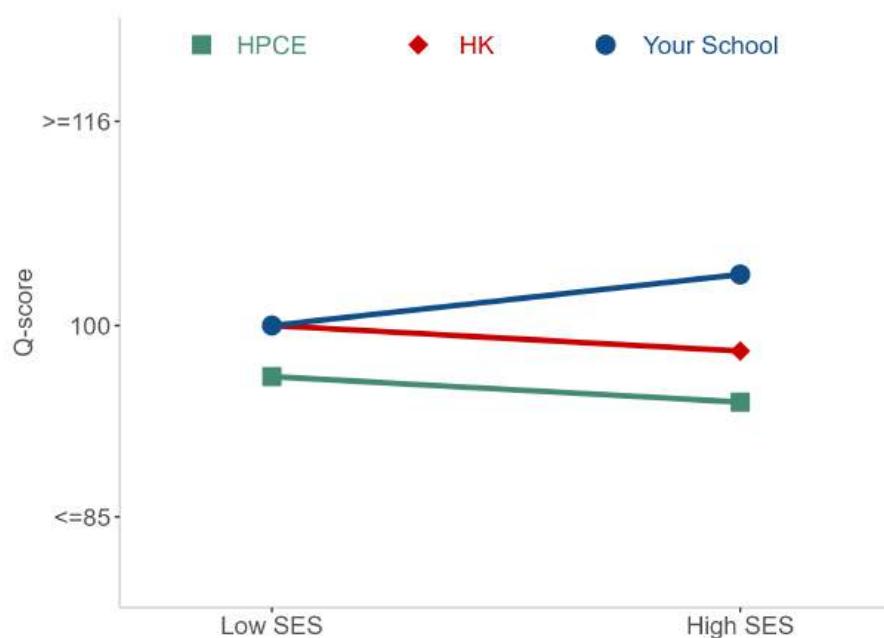
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 102$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	88	102
HK	85	113
Your School	85	116

### Difference between Low/High SES (No Damaged)

- In your school, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 100 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	96	94
HK	100	98
Your School	100	104

### Difference between Boys/Girls (No Damaged)

- In your school, boys ( Q = 94 ) LOWER THAN girls ( Q = 110 ).
- In HK, boys ( Q = 94 ) LOWER THAN girls ( Q = 104 ).
- In HPCE, boys ( Q = 90 ) LOWER THAN girls ( Q = 100 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	100	90
HK	104	94
Your School	110	94

## No Hurt By Others (No Hurt By Others)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' perceptions of physical aggression and victimization. A higher Q-score/P-score indicates that students in your school perceive LOWER levels of physical aggression and victimization compared to students in other schools in Hong Kong.

**Content:**

\*\*

*Hit or hurt me (e.g., shoving, hitting, kicking)*

### Item Distribution of Your Students (%)

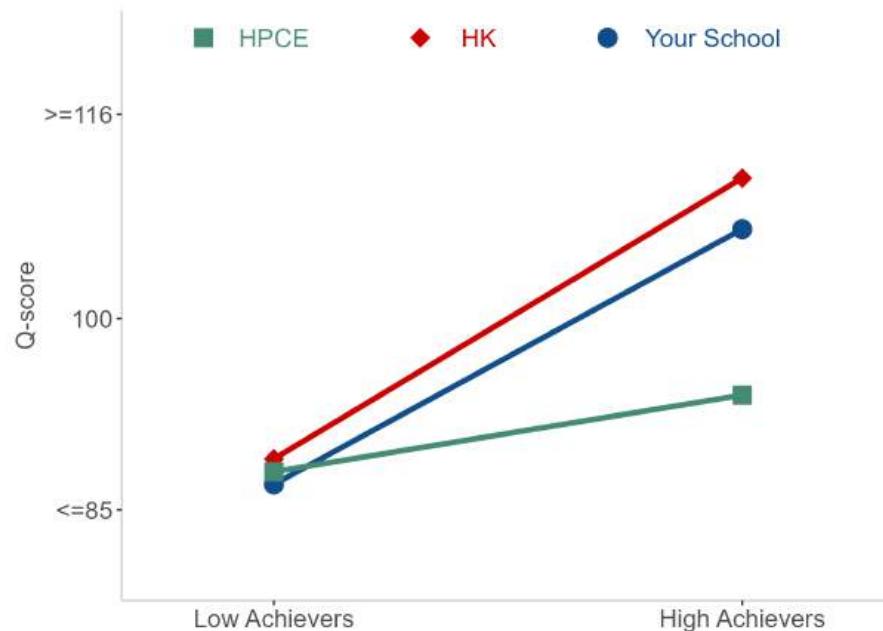
Options	Percentage
At least once a week	7.55
Once or twice a month	11.32
A few times a year	13.21
Never	67.92

### Overall Performance

- Your school has Q-score 97 , P-score 42.1 .
- In HPCE, the median school Q-score is 91 , while the P-score is 27.4 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (No Hurt By Others)

- In your school, high achievers ( Q = 107 ) HIGHER THAN low achievers ( Q = 87 ).
- In HK, high achievers ( Q = 111 ) HIGHER THAN low achievers ( Q = 89 ).
- In HPCE, high achievers ( Q = 94 ) SIMILAR TO low achievers ( Q = 88 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	88	94
HK	89	111
Your School	87	107

### Difference between Low/High SES (No Hurt By Others)

- In your school, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 96 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 91 ) SIMILAR TO low SES ( Q = 91 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	91	91
HK	102	98
Your School	96	98

## Difference between Boys/Girls (No Hurt By Others)

- In your school, boys ( Q = 91 ) LOWER THAN girls ( Q = 103 ).
- In HK, boys ( Q = 93 ) LOWER THAN girls ( Q = 107 ).
- In HPCE, boys ( Q = 85 ) VERY MUCH LOWER THAN girls ( Q = 98 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	98	85
HK	107	93
Your School	103	91

## No Force To Do Things (No Forced To Do)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' experiences with coercion or pressure. A higher Q-score/P-score indicates that students in your school have experienced being coerced or pressured into doing things they didn't want to do LESS frequently compared to students in other schools in Hong Kong.

**Content:**

*During this school year, how often have other students from your school done any of the following things to you, including through texting or the Internet?*

*Made me do things I didn't want to do*

### Item Distribution of Your Students (%)

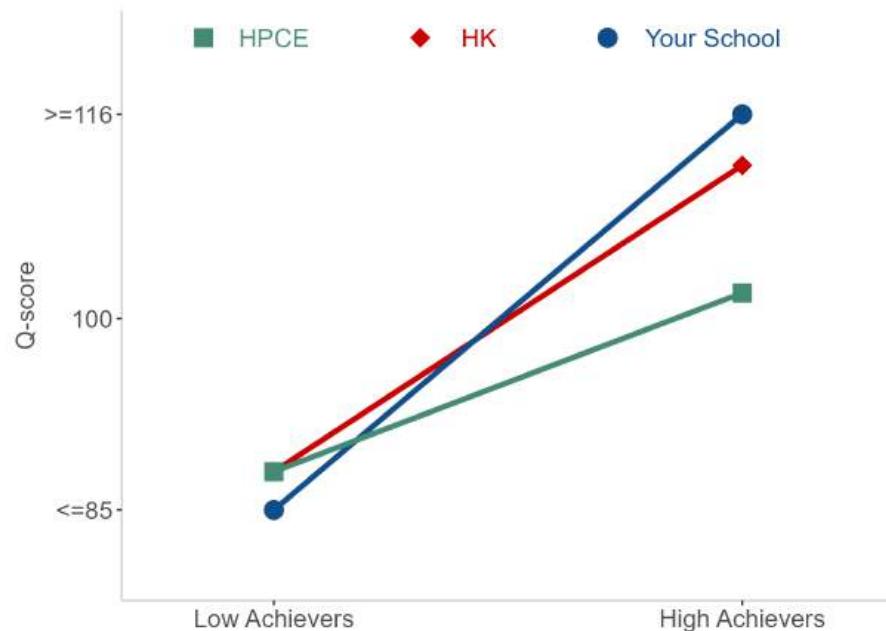
Options	Percentage
At least once a week	3.77
Once or twice a month	11.32
A few times a year	5.66
Never	79.25

### Overall Performance

- Your school has Q-score 106 , P-score 65.5 .
- In HPCE, the median school Q-score is 95 , while the P-score is 36.9 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (No Forced To Do)

- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HPCE, high achievers (  $Q = 102$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	88	102
HK	88	112
Your School	85	116

### Difference between Low/High SES (No Forced To Do)

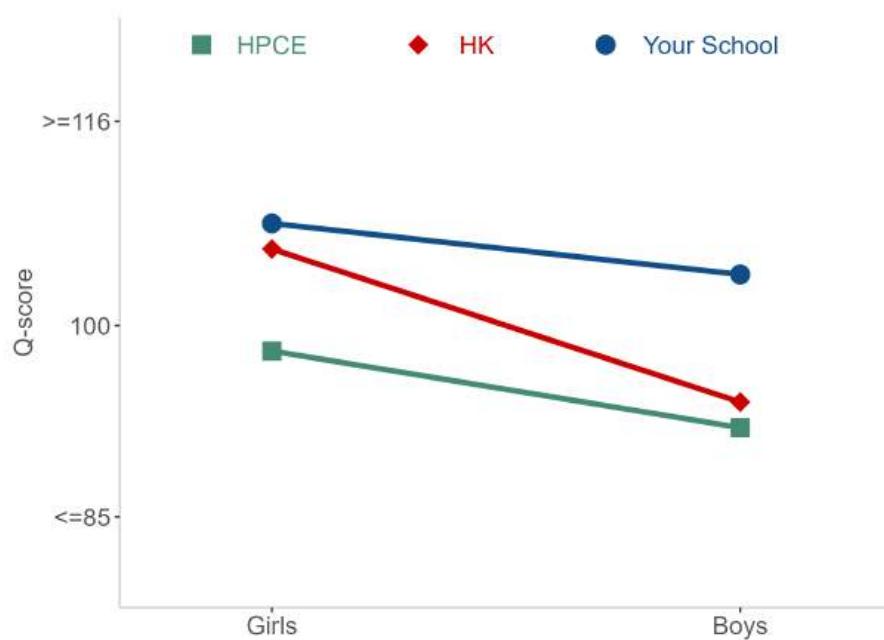
- In your school, high SES ( Q = 105 ) SIMILAR TO low SES ( Q = 107 ).
- In HK, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 104 ).
- In HPCE, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	96	94
HK	104	96
Your School	107	105

### Difference between Boys/Girls (No Forced To Do)

- In your school, boys ( Q = 104 ) SIMILAR TO girls ( Q = 108 ).
- In HK, boys ( Q = 94 ) LOWER THAN girls ( Q = 106 ).
- In HPCE, boys ( Q = 92 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	98	92
HK	106	94
Your School	108	104

## No Sent Nasty Messages (No Hurtful Messages)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' experiences with cyberbullying. A higher Q-score/P-score indicates that students in your school have experienced cyberbullying (e.g., receiving nasty or hurtful messages online) LESS frequently compared to students in other schools in Hong Kong.

**Content:**

*During this school year, how often have other students from your school done any of the following things to you, including through texting or the Internet?*

*Sent me nasty or hurtful messages online*

### Item Distribution of Your Students (%)

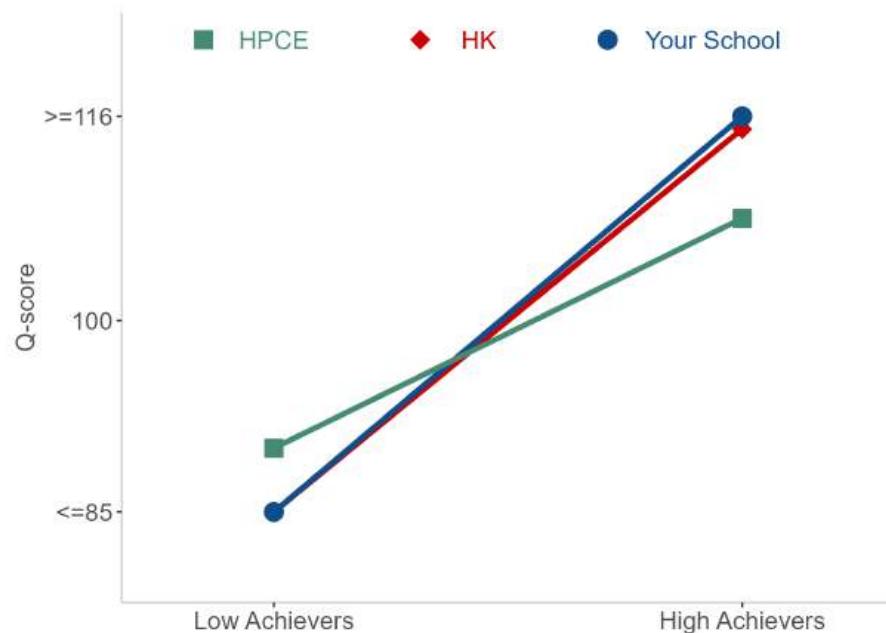
Options	Percentage
At least once a week	3.77
Once or twice a month	9.43
A few times a year	5.66
Never	81.13

### Overall Performance

- Your school has Q-score 96 , P-score 39.5 .
- In HPCE, the median school Q-score is 99 , while the P-score is 47.3 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (No Hurtful Messages)

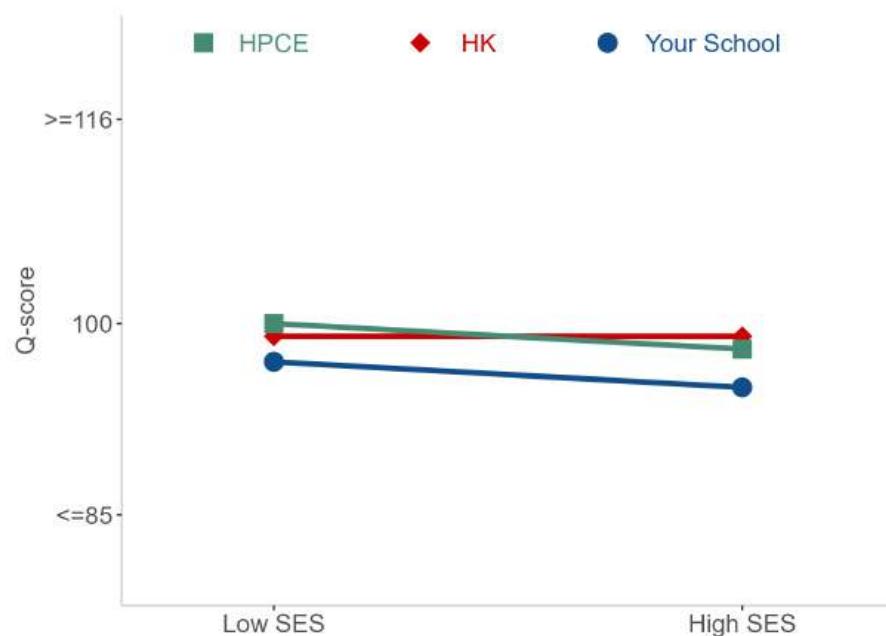
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 115$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	90	108
HK	85	115
Your School	85	116

### Difference between Low/High SES (No Hurtful Messages)

- In your school, high SES ( Q = 95 ) SIMILAR TO low SES ( Q = 97 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	100	98
HK	99	99
Your School	97	95

### Difference between Boys/Girls (No Hurtful Messages)

- In your school, boys ( Q = 96 ) SIMILAR TO girls ( Q = 96 ).
- In HK, boys ( Q = 92 ) LOWER THAN girls ( Q = 106 ).
- In HPCE, boys ( Q = 95 ) LOWER THAN girls ( Q = 103 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	103	95
HK	106	92
Your School	96	96

## No Shared Things Online (No Shared Online)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' experiences with online defamation. A higher Q-score/P-score indicates that students in your school have experienced others sharing nasty or hurtful things about them online LESS frequently compared to students in other schools in Hong Kong.

**Content:**

*During this school year, how often have other students from your school done any of the following things to you, including through texting or the Internet?*

*Shared nasty or hurtful things about me online*

### Item Distribution of Your Students (%)

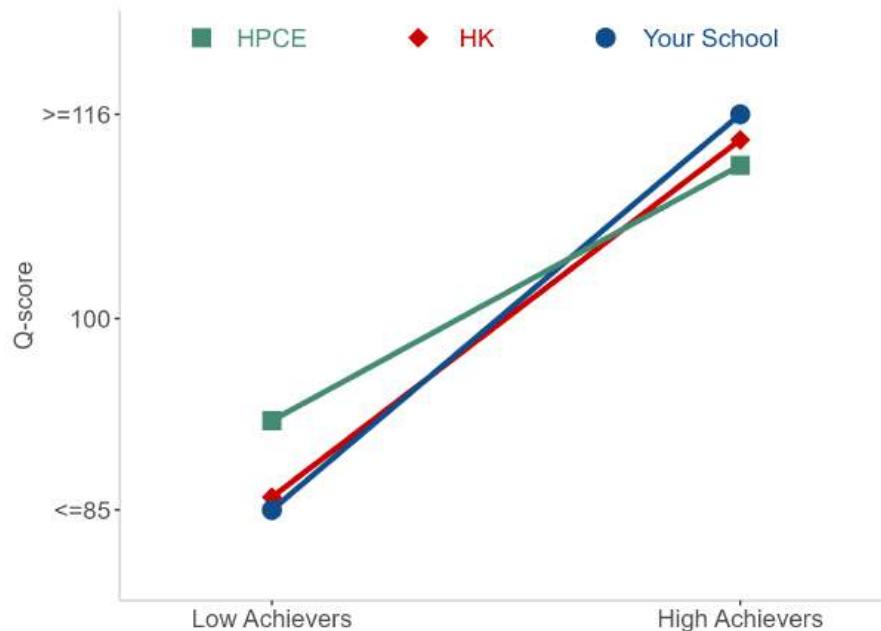
Options	Percentage
At least once a week	3.85
Once or twice a month	5.77
A few times a year	1.92
Never	88.46

### Overall Performance

- Your school has Q-score 97 , P-score 42.1 .
- In HPCE, the median school Q-score is 102 , while the P-score is 55.3 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (No Shared Online)

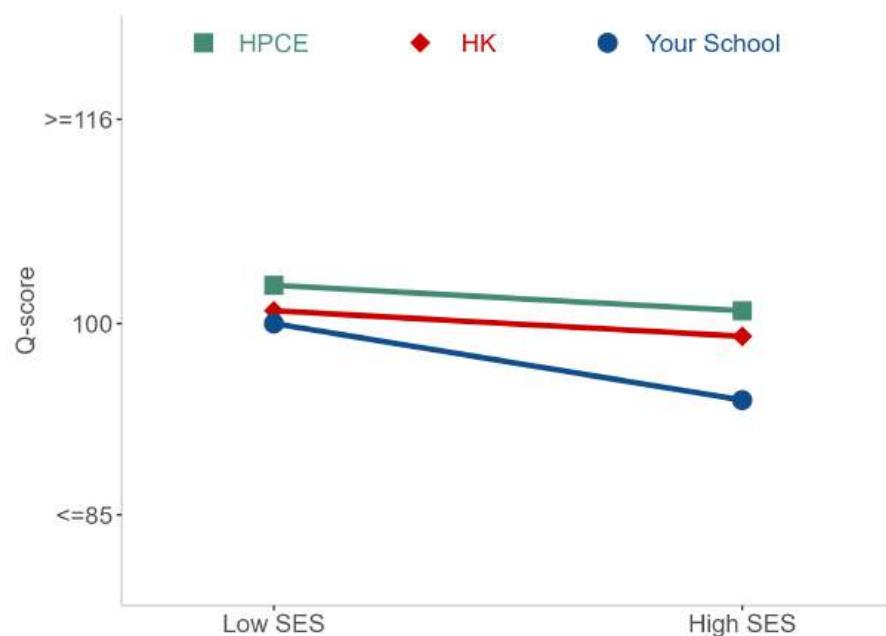
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HPCE, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	92	112
HK	86	114
Your School	85	116

## Difference between Low/High SES (No Shared Online)

- In your school, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 100 ).
- In HK, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 101 ).
- In HPCE, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 103 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	103	101
HK	101	99
Your School	100	94

## Difference between Boys/Girls (No Shared Online)

- In your school, boys ( Q = 92 ) LOWER THAN girls ( Q = 102 ).
- In HK, boys ( Q = 96 ) LOWER THAN girls ( Q = 104 ).
- In HPCE, boys ( Q = 98 ) LOWER THAN girls ( Q = 106 ).
- Recommendation (cf. HK): Good, improve boys.
- Recommendation (cf. HPCE): Good, improve boys.



	Girls	Boys
HPCE	106	98
HK	104	96
Your School	102	92

## No Shared Photos Online (No Shared Photos)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' experiences with online privacy violations. A higher Q-score/P-score indicates that students in your school have experienced others sharing embarrassing photos of them online LESS frequently compared to students in other schools in Hong Kong.

**Content:**

*During this school year, how often have other students from your school done any of the following things to you, including through texting or the Internet?*

*Shared embarrassing photos of me online*

### Item Distribution of Your Students (%)

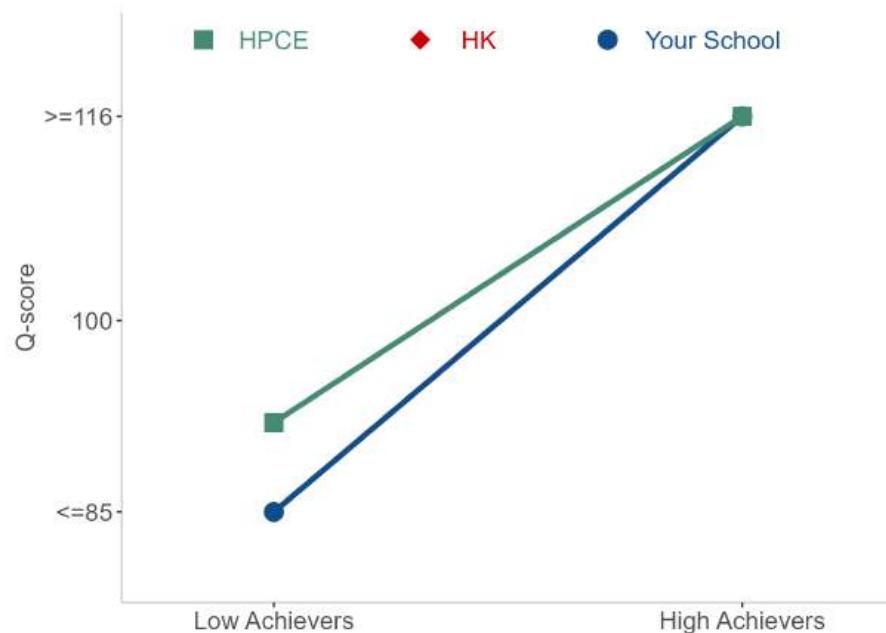
Options	Percentage
At least once a week	3.77
Once or twice a month	5.66
A few times a year	1.89
Never	88.68

### Overall Performance

- Your school has Q-score 94 , P-score 34.5 .
- In HPCE, the median school Q-score is 104 , while the P-score is 60.5 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (No Shared Photos)

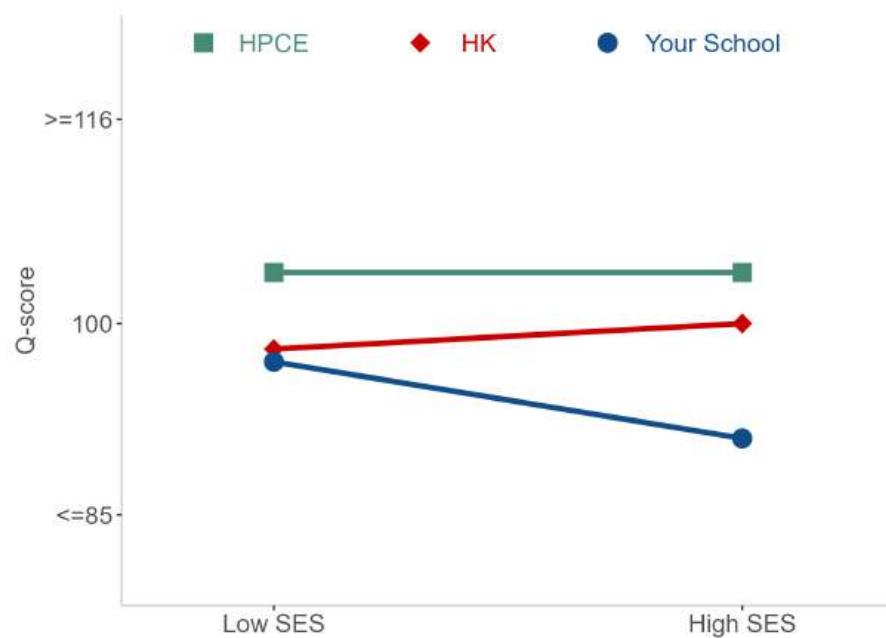
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	92	116
HK	85	116
Your School	85	116

### Difference between Low/High SES (No Shared Photos)

- In your school, high SES ( Q = 91 ) SIMILAR TO low SES ( Q = 97 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 104 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	104	104
HK	98	100
Your School	97	91

## Difference between Boys/Girls (No Shared Photos)

- In your school, boys ( Q = 88 ) LOWER THAN girls ( Q = 100 ).
- In HK, boys ( Q = 94 ) SIMILAR TO girls ( Q = 104 ).
- In HPCE, boys ( Q = 99 ) LOWER THAN girls ( Q = 109 ).
- Recommendation (cf. HK): Good, improve boys.
- Recommendation (cf. HPCE): Good, improve boys.



	Girls	Boys
HPCE	109	99
HK	104	94
Your School	100	88

## No Threatened (No Threatened)

**Domains:** School Atmosphere

**Construct:** No Student Bullying

**Type:** Item

**Descriptions:** This item measures students' experiences with threats of violence. A higher Q-score/P-score indicates that students in your school have experienced threats of violence LESS frequently compared to students in other schools in Hong Kong.

**Content:**

*During this school year, how often have other students from your school done any of the following things to you, including through texting or the Internet?*

*Threatened me*

### Item Distribution of Your Students (%)

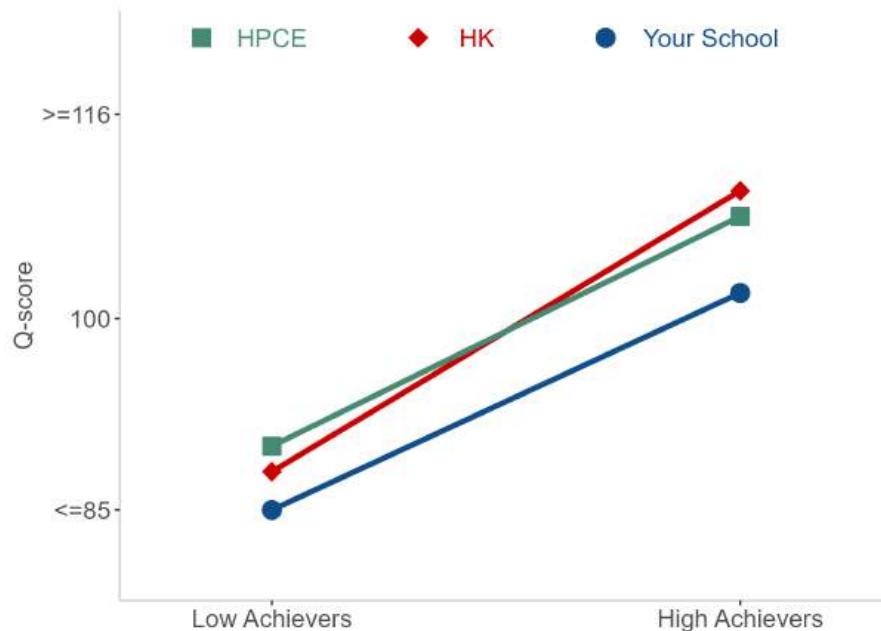
Options	Percentage
At least once a week	7.55
Once or twice a month	11.32
A few times a year	5.66
Never	75.47

### Overall Performance

- Your school has Q-score 92 , P-score 29.7 .
- In HPCE, the median school Q-score is 99 , while the P-score is 47.3 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (No Threatened)

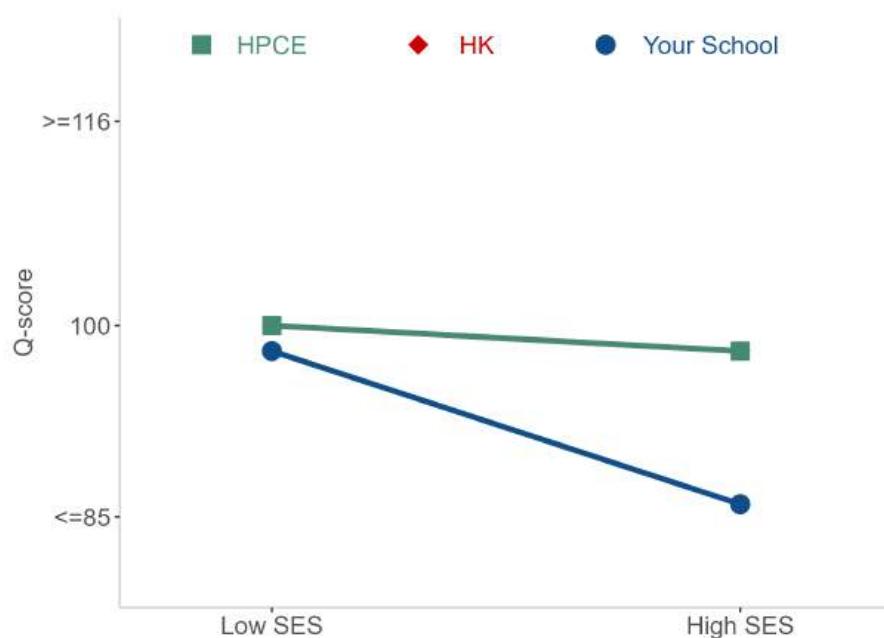
- In your school, high achievers (  $Q = 102$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HPCE, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	90	108
HK	88	110
Your School	85	102

### Difference between Low/High SES (No Threatened)

- In your school, high SES ( Q = 86 ) LOWER THAN low SES ( Q = 98 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- Recommendation (cf. HK): Good, improve high SES students.
- Recommendation (cf. HPCE): Average, improve high SES students.



	Low SES	High SES
HPCE	100	98
HK	100	98
Your School	98	86

### Difference between Boys/Girls (No Threatened)

- In your school, boys ( Q = 85 ) LOWER THAN girls ( Q = 100 ).
- In HK, boys ( Q = 91 ) LOWER THAN girls ( Q = 107 ).
- In HPCE, boys ( Q = 92 ) LOWER THAN girls ( Q = 106 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	106	92
HK	107	91
Your School	100	85

## **VII. Results: Student Background**

## Digital Self-Efficacy (Digital Self-Eff)

**Domains:** Student Background

**Construct:** Digital Self-Efficacy

**Type:** Scale

**Descriptions:** This scale measures students' confidence and competence in using digital technologies. A higher Q-score/P-score indicates that students in your school have higher levels of digital self-efficacy compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

- I can write and edit text on a computer, tablet or smartphone
- I can create school presentations using a computer, tablet, or smartphone
- I can create tables, charts, and graphs using a computer, tablet, or smartphone
- I can find information that I need online
- I can tell if a website is trustworthy
- I can easily do new things on computers, laptops, or smartphones
- I can help my friends or family members with using their computers, laptops, or smartphones

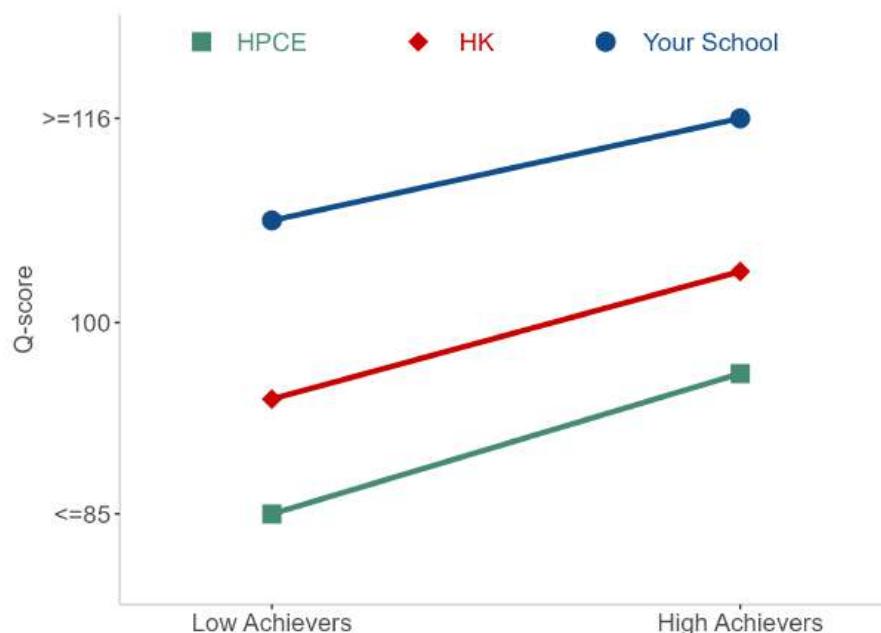
For further details on the aforementioned items, please refer to the subsequent sections.

### Overall Performance

- Your school has Q-score 113 , P-score 80.7 .
- In HPCE, the median school Q-score is 89 , while the P-score is 23.2 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Digital Self-Eff)

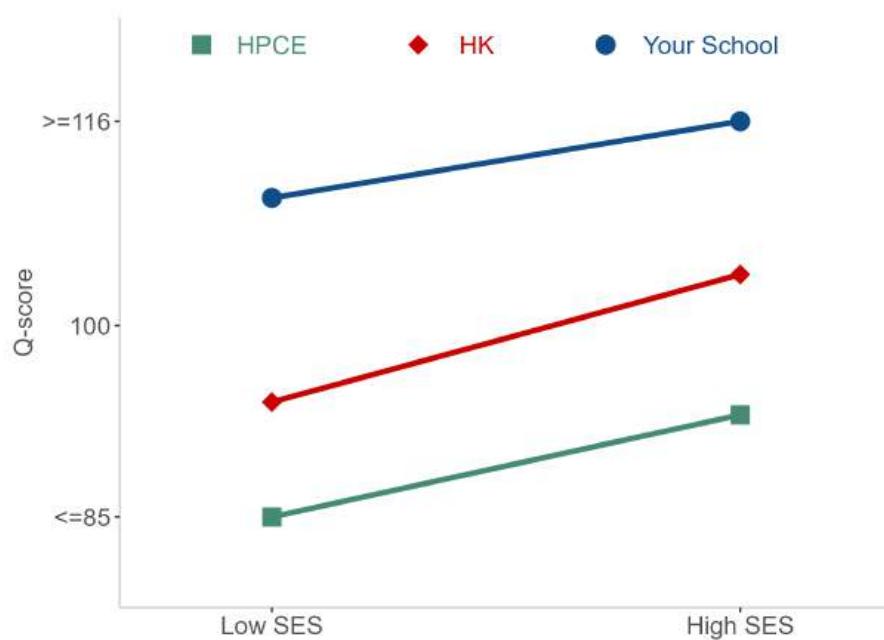
- In your school, high achievers ( Q = 116 ) SIMILAR TO low achievers ( Q = 108 ).
- In HK, high achievers ( Q = 104 ) HIGHER THAN low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 96 ) HIGHER THAN low achievers ( Q = 85 ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	85	96
HK	94	104
Your School	108	116

## Difference between Low/High SES (Digital Self-Eff)

- In your school, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 110 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 93 ) HIGHER THAN low SES ( Q = 85 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	85	93
HK	94	104
Your School	110	116

### Difference between Boys/Girls (Digital Self-Eff)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 99 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 99 ).
- In HPCE, boys ( Q = 90 ) SIMILAR TO girls ( Q = 88 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	88	90
HK	99	99
Your School	99	116

## **Write Text On Computer (Write on Computer)**

**Domains:** Student Background

**Construct:** Digital Self-Efficacy

**Type:** Item

**Descriptions:** This item measures students' basic computer literacy skills. A higher Q-score/P-score indicates that students in your school have higher levels of basic computer literacy skills (e.g., writing and editing text) compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*I can write and edit text on a computer, tablet or smartphone*

### **Item Distribution of Your Students (%)**

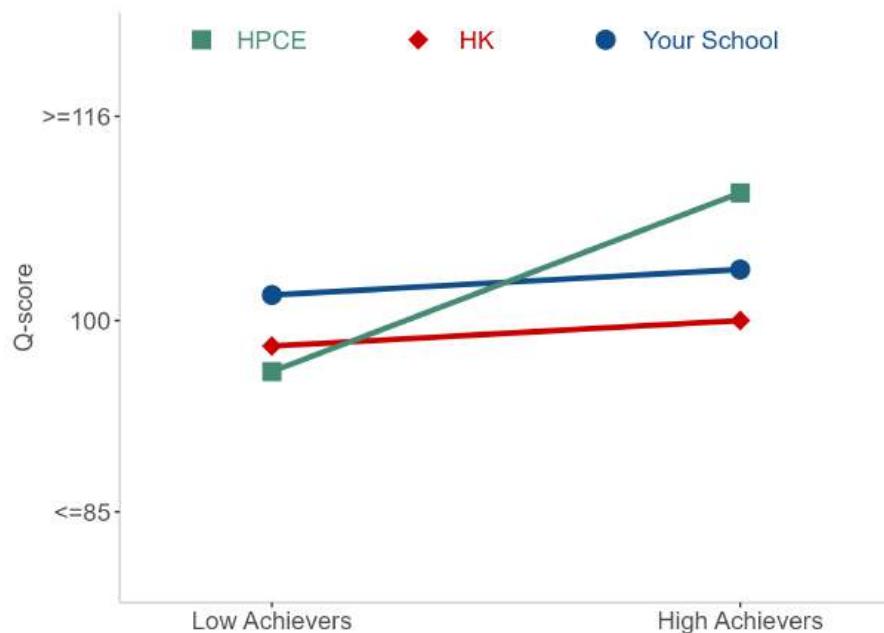
Options	Percentage
Agree a lot	60.38
Agree a little	26.42
Disagree a little	11.32
Disagree a lot	1.89

### **Overall Performance**

- Your school has Q-score 103 , P-score 57.9 .
- In HPCE, the median school Q-score is 103 , while the P-score is 57.9 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Write on Computer)

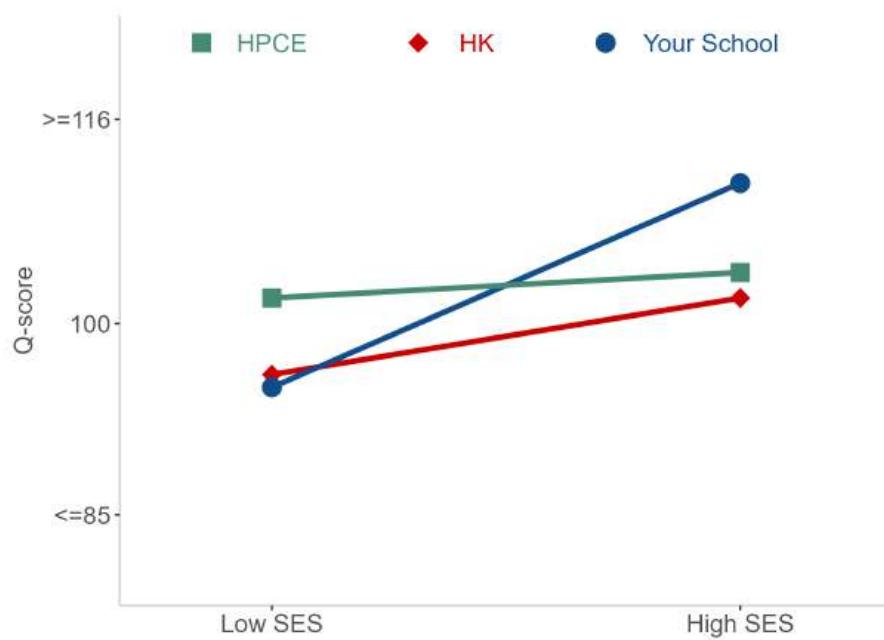
- In your school, high achievers (  $Q = 104$  ) SIMILAR TO low achievers (  $Q = 102$  ).
- In HK, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- In HPCE, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 96$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	96	110
HK	98	100
Your School	102	104

## Difference between Low/High SES (Write on Computer)

- In your school, high SES ( Q = 111 ) HIGHER THAN low SES ( Q = 95 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 102 ).
- Recommendation (cf. HK): Slightly weak, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	102	104
HK	96	102
Your School	95	111

### Difference between Boys/Girls (Write on Computer)

- In your school, boys ( Q = 111 ) HIGHER THAN girls ( Q = 95 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 102 ) SIMILAR TO girls ( Q = 104 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	104	102
HK	102	96
Your School	95	111

## Create Presentations On Computer (Create Presentations)

**Domains:** Student Background

**Construct:** Digital Self-Efficacy

**Type:** Item

**Descriptions:** This item measures students' computer skills for academic purposes. A higher Q-score/P-score indicates that students in your school have higher levels of computer skills for academic purposes (e.g., creating presentations) compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*I can create school presentations using a computer, tablet, or smartphone*

### Item Distribution of Your Students (%)

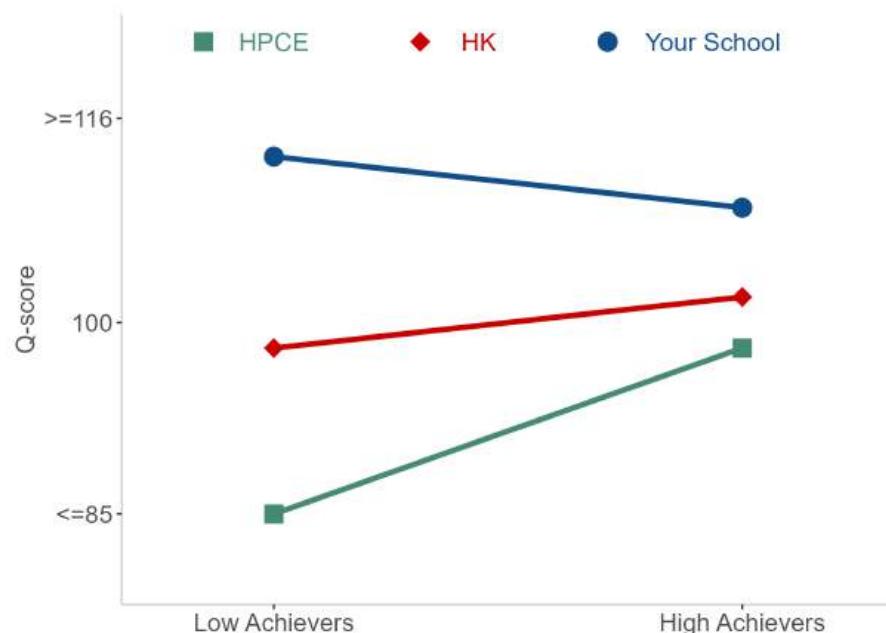
Options	Percentage
Agree a lot	63.46
Agree a little	25.00
Disagree a little	7.69
Disagree a lot	3.85

### Overall Performance

- Your school has Q-score 111 , P-score 76.8 .
- In HPCE, the median school Q-score is 91 , while the P-score is 27.4 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

## Difference between Low/High Achievers (Create Presentations)

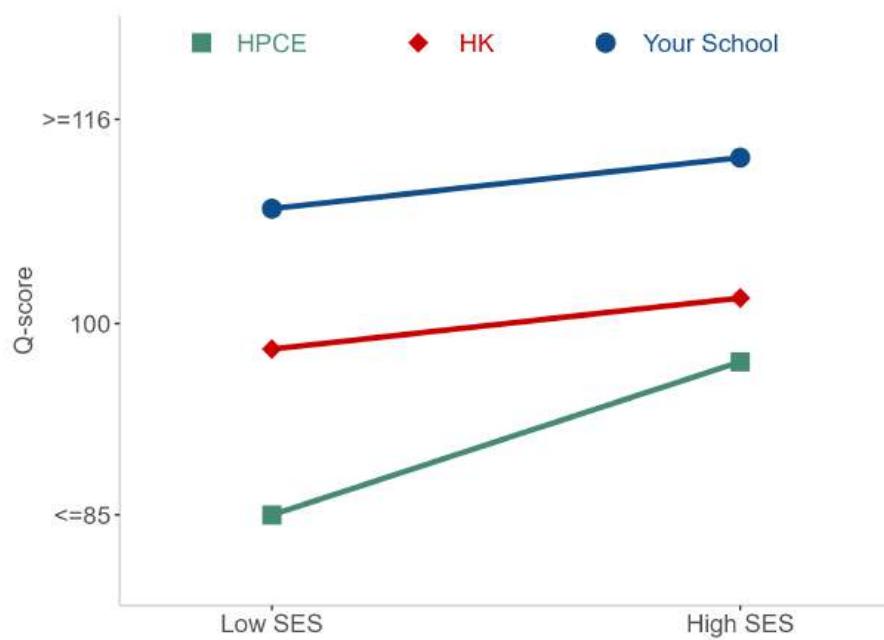
- In your school, high achievers ( Q = 109 ) SIMILAR TO low achievers ( Q = 113 ).
- In HK, high achievers ( Q = 102 ) SIMILAR TO low achievers ( Q = 98 ).
- In HPCE, high achievers ( Q = 98 ) HIGHER THAN low achievers ( Q = 85 ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve high achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve high achievers.



	Low Achievers	High Achievers
HPCE	85	98
HK	98	102
Your School	113	109

## Difference between Low/High SES (Create Presentations)

- In your school, high SES ( Q = 113 ) SIMILAR TO low SES ( Q = 109 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 97 ) HIGHER THAN low SES ( Q = 85 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	85	97
HK	98	102
Your School	109	113

## Difference between Boys/Girls (Create Presentations)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 106 ).
- In HK, boys ( Q = 97 ) SIMILAR TO girls ( Q = 103 ).
- In HPCE, boys ( Q = 88 ) SIMILAR TO girls ( Q = 94 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	94	88
HK	103	97
Your School	106	116

## Create Graphs On Computer (Create Graphs)

**Domains:** Student Background

**Construct:** Digital Self-Efficacy

**Type:** Item

**Descriptions:** This item measures students' data analysis and visualization skills using technology. A higher Q-score/P-score indicates that students in your school have higher levels of data analysis and visualization skills using technology compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*I can create tables, charts, and graphs using a computer, tablet, or smartphone*

### Item Distribution of Your Students (%)

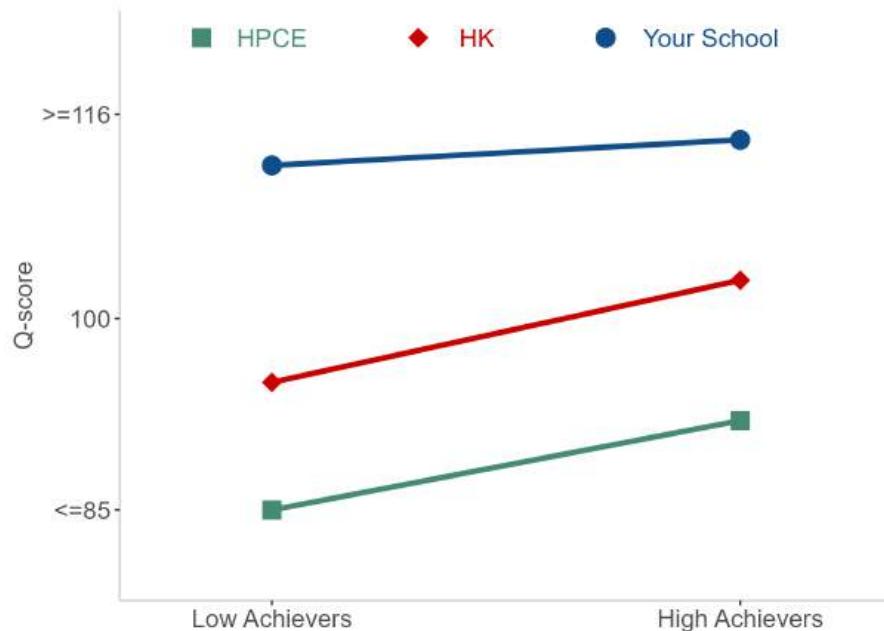
Options	Percentage
Agree a lot	64.15
Agree a little	24.53
Disagree a little	9.43
Disagree a lot	1.89

### Overall Performance

- Your school has Q-score 113 , P-score 80.7 .
- In HPCE, the median school Q-score is 88 , while the P-score is 21.2 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

## Difference between Low/High Achievers (Create Graphs)

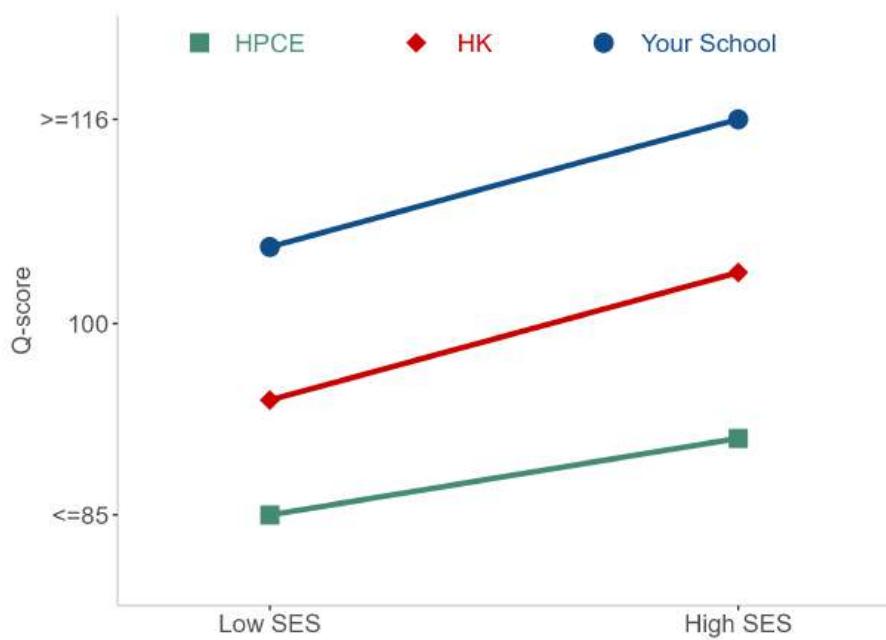
- In your school, high achievers (  $Q = 114$  ) SIMILAR TO low achievers (  $Q = 112$  ).
- In HK, high achievers (  $Q = 103$  ) HIGHER THAN low achievers (  $Q = 95$  ).
- In HPCE, high achievers (  $Q = 92$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	85	92
HK	95	103
Your School	112	114

## Difference between Low/High SES (Create Graphs)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 91 ) SIMILAR TO low SES ( Q = 85 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	85	91
HK	94	104
Your School	106	116

## Difference between Boys/Girls (Create Graphs)

- In your school, boys ( Q = 113 ) SIMILAR TO girls ( Q = 113 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 99 ).
- In HPCE, boys ( Q = 86 ) SIMILAR TO girls ( Q = 90 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	90	86
HK	99	99
Your School	113	113

## Find Information Online (Find Info Online)

**Domains:** Student Background

**Construct:** Digital Self-Efficacy

**Type:** Item

**Descriptions:** This item measures students' information literacy skills. A higher Q-score/P-score indicates that students in your school have higher levels of information literacy skills (e.g., finding information online) compared to students in other schools in Hong Kong

**Content:**

*How much do you agree with these statements?*

*I can find information that I need online*

### Item Distribution of Your Students (%)

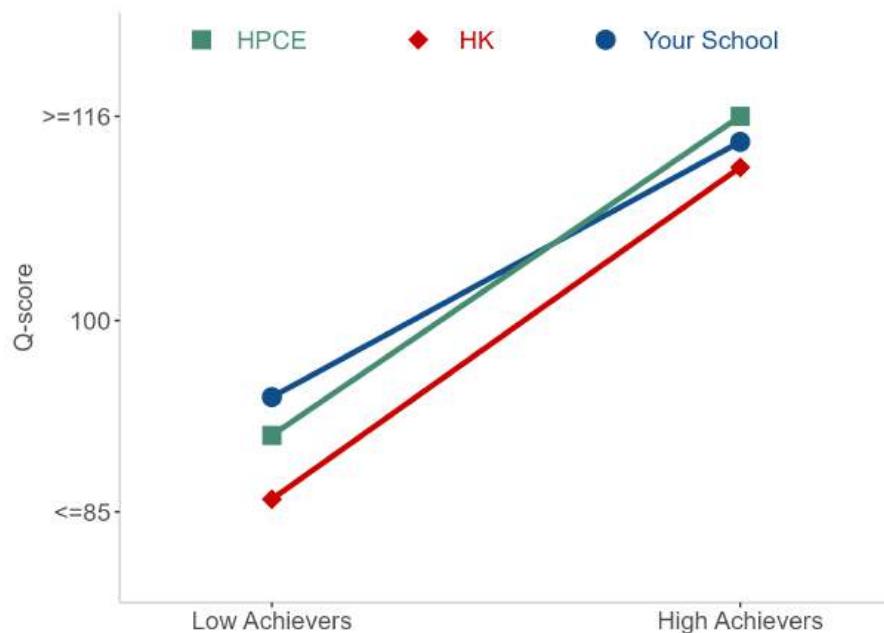
Options	Percentage
Agree a lot	71.15
Agree a little	25.00
Disagree a little	3.85
Disagree a lot	

### Overall Performance

- Your school has Q-score 104 , P-score 60.5 .
- In HPCE, the median school Q-score is 104 , while the P-score is 60.5 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Find Info Online)

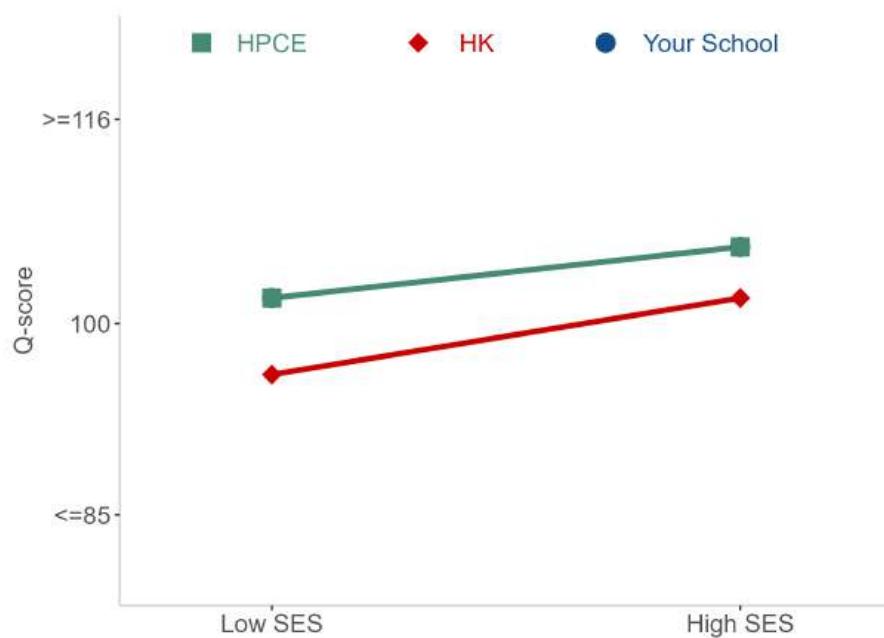
- In your school, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HK, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 91$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	91	116
HK	86	112
Your School	94	114

## Difference between Low/High SES (Find Info Online)

- In your school, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 102 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 102 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	102	106
HK	96	102
Your School	102	106

### Difference between Boys/Girls (Find Info Online)

- In your school, boys ( Q = 114 ) HIGHER THAN girls ( Q = 94 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 102 ) SIMILAR TO girls ( Q = 106 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	106	102
HK	100	98
Your School	94	114

## Tell If Website Is Trustworthy (Assess Website Trust)

**Domains:** Student Background

**Construct:** Digital Self-Efficacy

**Type:** Item

**Descriptions:** This item measures students' critical evaluation skills of online information. A higher Q-score/P-score indicates that students in your school have higher levels of critical evaluation skills for online information (e.g., identifying trustworthy websites) compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*I can tell if a website is trustworthy*

### Item Distribution of Your Students (%)

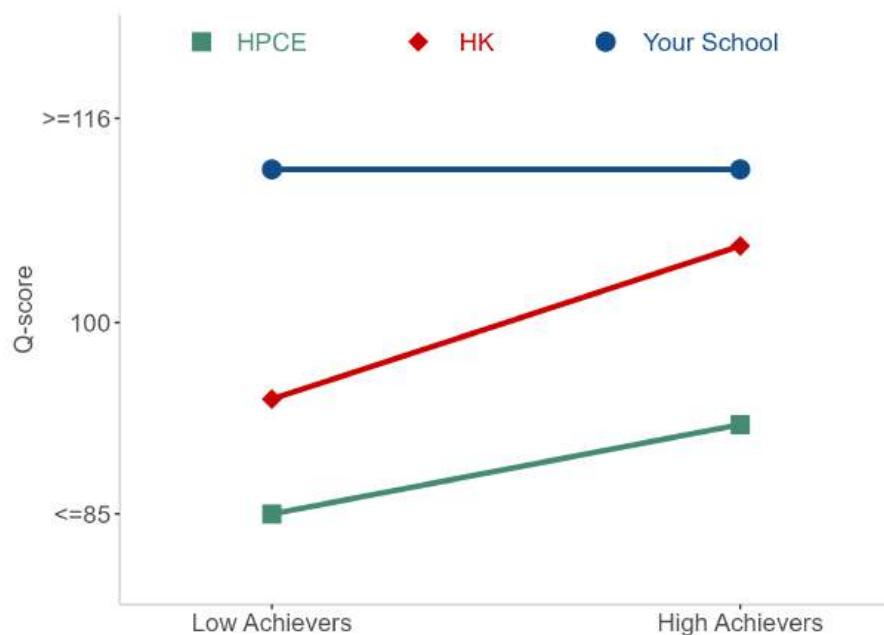
Options	Percentage
Agree a lot	60.78
Agree a little	27.45
Disagree a little	11.76
Disagree a lot	

### Overall Performance

- Your school has Q-score 112 , P-score 78.8 .
- In HPCE, the median school Q-score is 84 , while the P-score is 15.9 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Assess Website Trust)

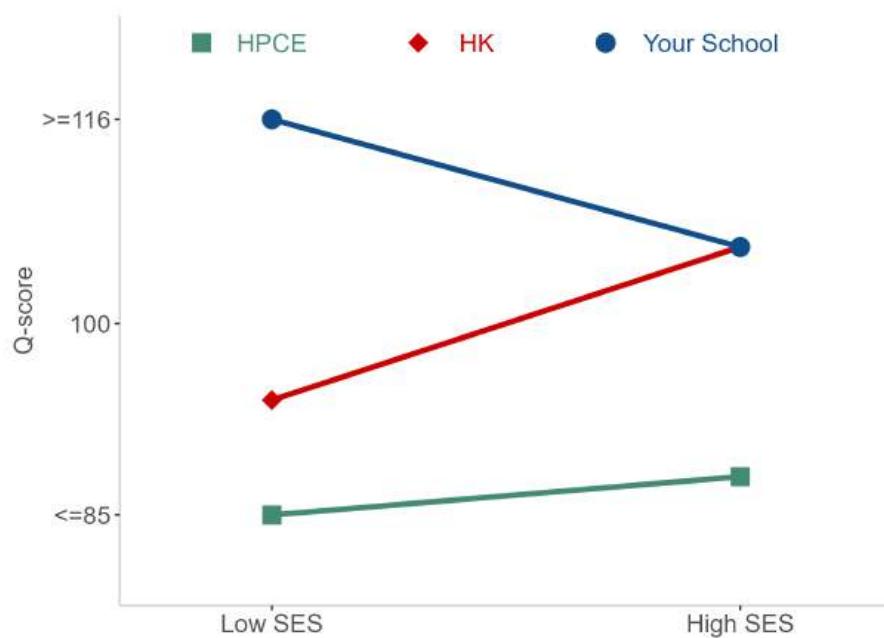
- In your school, high achievers ( Q = 112 ) SIMILAR TO low achievers ( Q = 112 ).
- In HK, high achievers ( Q = 106 ) HIGHER THAN low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 92 ) HIGHER THAN low achievers ( Q = 85 ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	85	92
HK	94	106
Your School	112	112

### Difference between Low/High SES (Assess Website Trust)

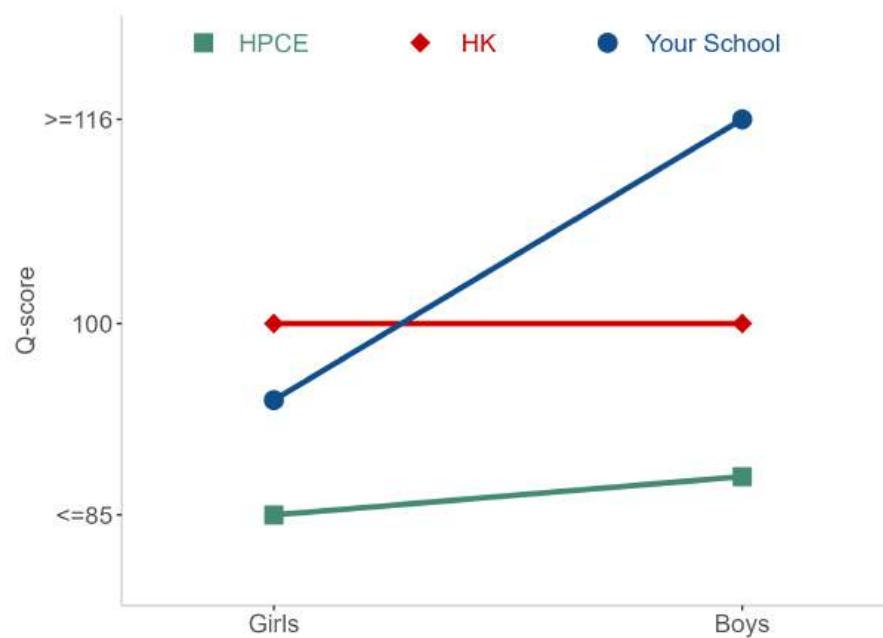
- In your school, high SES ( Q = 106 ) LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 106 ) HIGHER THAN low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 88 ) SIMILAR TO low SES ( Q = 85 ).
- Recommendation (cf. HK): Average, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	85	88
HK	94	106
Your School	116	106

### Difference between Boys/Girls (Assess Website Trust)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 94 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 88 ) SIMILAR TO girls ( Q = 85 ).
- Recommendation (cf. HK): Weak, improve particularly girls.
- Recommendation (cf. HPCE): Weak, improve particularly girls.



	Girls	Boys
HPCE	85	88
HK	100	100
Your School	94	116

## New Things On Computer (New On Computer)

**Domains:** Student Background

**Construct:** Digital Self-Efficacy

**Type:** Item

**Descriptions:** This item measures students' technological adaptability. A higher Q-score/P-score indicates that students in your school have higher levels of technological adaptability (e.g., easily learning to use new technologies) compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*I can easily do new things on computers, laptops, or smartphones*

### Item Distribution of Your Students (%)

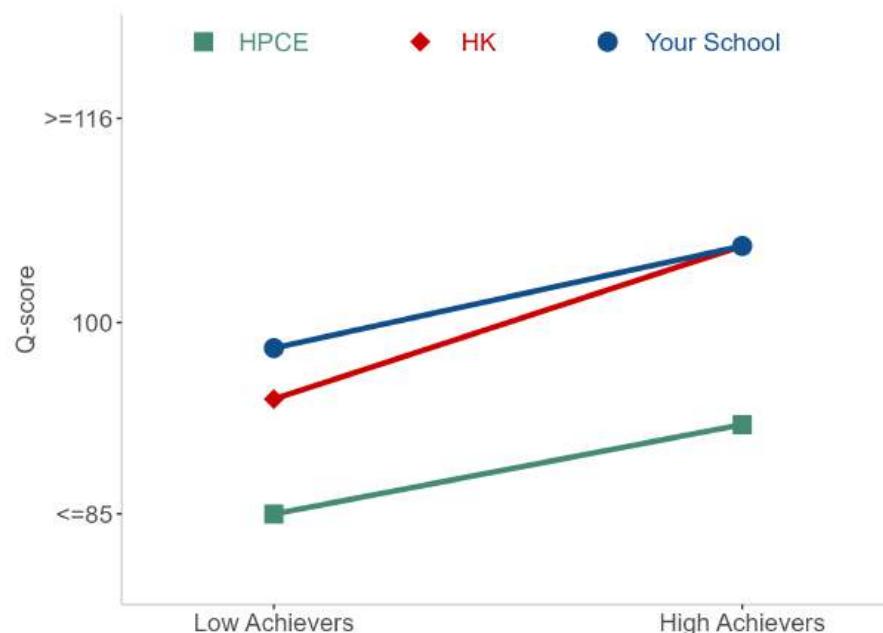
Options	Percentage
Agree a lot	72.55
Agree a little	15.69
Disagree a little	3.92
Disagree a lot	7.84

### Overall Performance

- Your school has Q-score 102 , P-score 55.3 .
- In HPCE, the median school Q-score is 87 , while the P-score is 19.3 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (New On Computer)

- In your school, high achievers (  $Q = 106$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 92$  ) SIMILAR TO low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	85	92
HK	94	106
Your School	98	106

### Difference between Low/High SES (New On Computer)

- In your school, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 96 ).
- In HK, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 88 ) SIMILAR TO low SES ( Q = 86 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	86	88
HK	96	104
Your School	96	108

### Difference between Boys/Girls (New On Computer)

- In your school, boys ( Q = 115 ) HIGHER THAN girls ( Q = 89 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 91 ) SIMILAR TO girls ( Q = 85 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	85	91
HK	100	100
Your School	89	115

## **Help Friends And Family (Help Others)**

**Domains:** Student Background

**Construct:** Digital Self-Efficacy

**Type:** Item

**Descriptions:** This item measures students' digital literacy and support skills. A higher Q-score/P-score indicates that students in your school have higher levels of digital literacy and support skills (e.g., helping others with technology) compared to students in other schools in Hong Kong.

**Content:**

*How much do you agree with these statements?*

*I can help my friends or family members with using their computers, laptops, or smartphones*

### **Item Distribution of Your Students (%)**

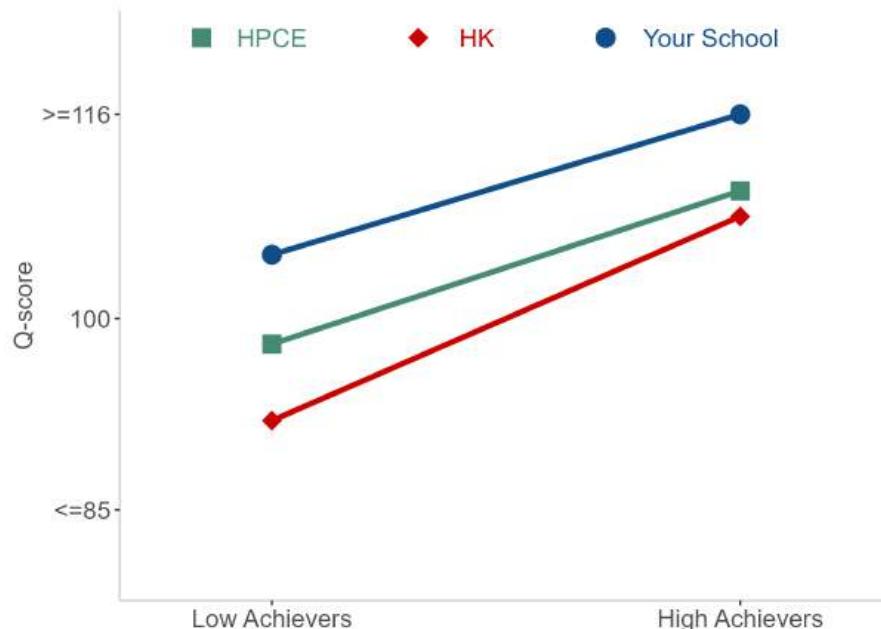
Options	Percentage
Agree a lot	63.46
Agree a little	28.85
Disagree a little	5.77
Disagree a lot	1.92

### **Overall Performance**

- Your school has Q-score 111 , P-score 76.8 .
- In HPCE, the median school Q-score is 104 , while the P-score is 60.5 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Help Others)

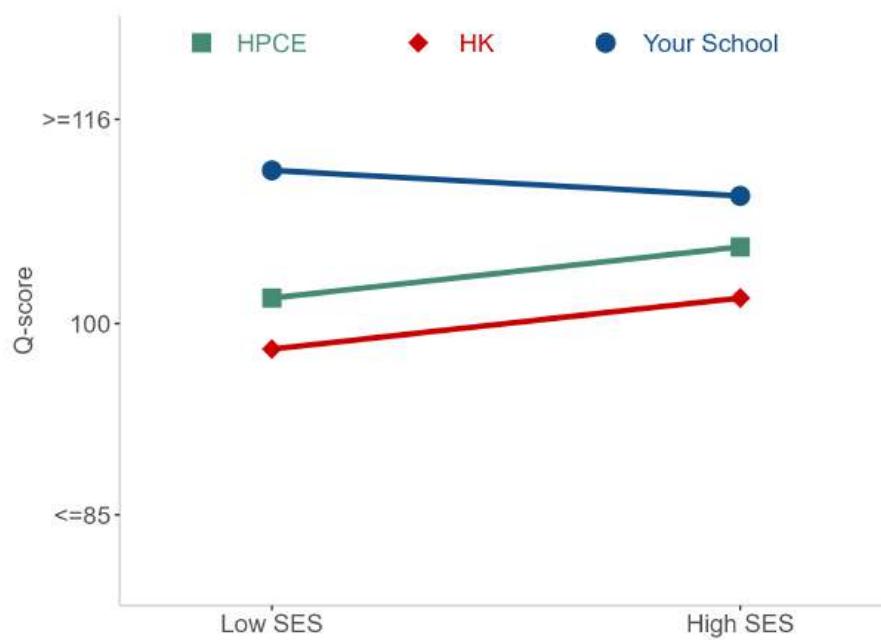
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 105$  ).
- In HK, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 110$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	98	110
HK	92	108
Your School	105	116

### Difference between Low/High SES (Help Others)

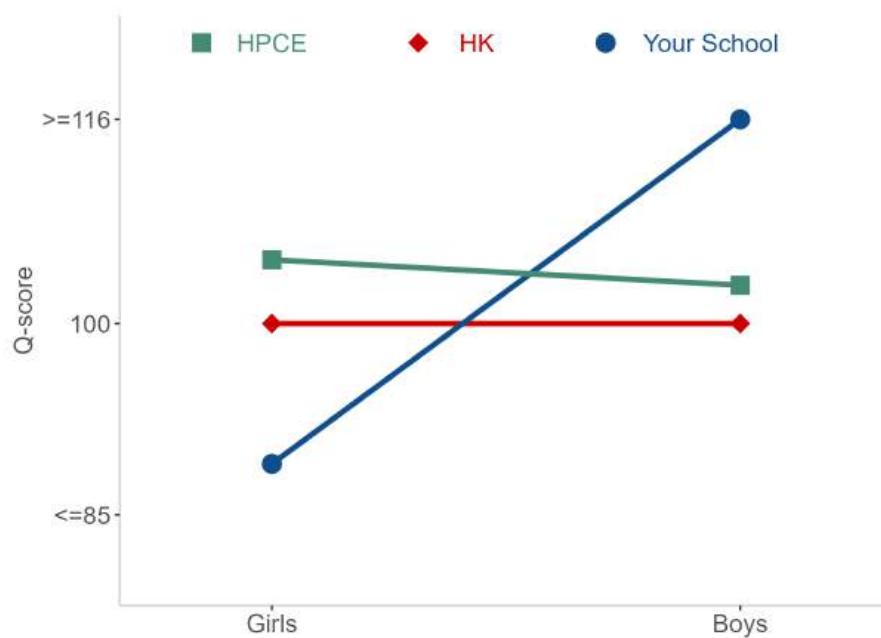
- In your school, high SES ( Q = 110 ) SIMILAR TO low SES ( Q = 112 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 98 ).
- In HPCE, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 102 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	102	106
HK	98	102
Your School	112	110

## Difference between Boys/Girls (Help Others)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 89 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 103 ) SIMILAR TO girls ( Q = 105 ).
- Recommendation (cf. HK): Weak, improve particularly girls.
- Recommendation (cf. HPCE): Weak, improve particularly girls.



	Girls	Boys
HPCE	105	103
HK	100	100
Your School	89	116

## **Home Educational Resources (Home Learning Res)**

**Domains:** Student Background

**Construct:** Home Educational Resources

**Type:** Scale

**Descriptions:** This scale assesses the availability of educational resources in the home environment. A higher Q-score/P-score indicates that students in your school have greater access to home educational resources compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

Amount of Books In Your Home

Own Computer

Shared Computer

Smart Phone

Internet Access

Study Desk

Own Room

Parents' Highest Education Level

Parents' Occupation

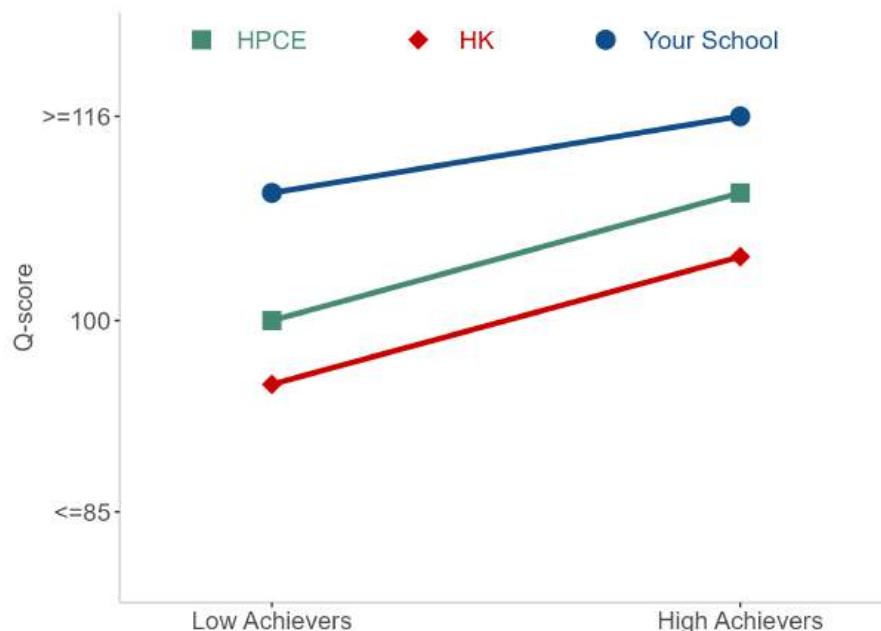
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 113 , P-score 80.7 .
- In HPCE, the median school Q-score is 105 , while the P-score is 63.1 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Home Learning Res)

- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 110$  ).
- In HK, high achievers (  $Q = 105$  ) HIGHER THAN low achievers (  $Q = 95$  ).
- In HPCE, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 100$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	100	110
HK	95	105
Your School	110	116

## Difference between Boys/Girls (Home Learning Res)

- In your school, boys ( Q = 114 ) HIGHER THAN girls ( Q = 112 ).
- In HK, boys ( Q = 101 ) SIMILAR TO girls ( Q = 99 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 106 ).
- Recommendation (cf. HK): Good, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	106	104
HK	99	101
Your School	112	114

## **Amount of Books In Your Home (Books At Home)**

**Domains:** Student Background

**Construct:** Home Educational Resources

**Type:** Item

**Descriptions:** This item measures the number of books available in the student's home environment. A higher Q-score/P-score indicates that students in your school have greater access to books at home compared to students in other schools in Hong Kong.

**Content:**

*Number of books in the home:*

*Amount of Books In Your Home*

### **Item Distribution of Your Students (%)**

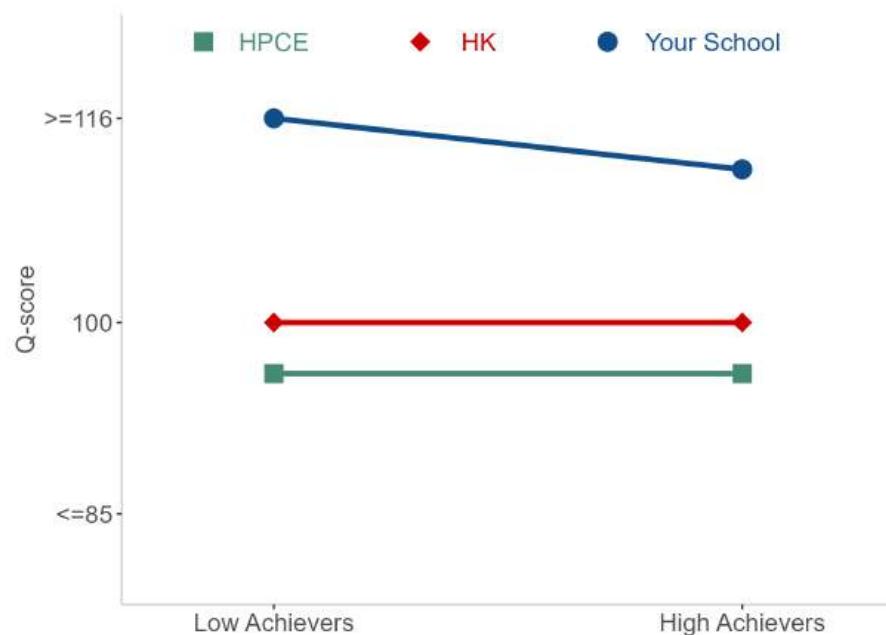
Options	Percentage
None or very few (0<96>10 books)	1.92
Enough to fill one shelf (11<96>25 books)	11.54
Enough to fill one bookcase (26<96>100 books)	30.77
Enough to fill two bookcases (101<96>200 books)	28.85
Enough to fill three or more bookcases (more than 200)	26.92

### **Overall Performance**

- Your school has Q-score 115 , P-score 84.1 .
- In HPCE, the median school Q-score is 96 , while the P-score is 39.5 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

## Difference between Low/High Achievers (Books At Home)

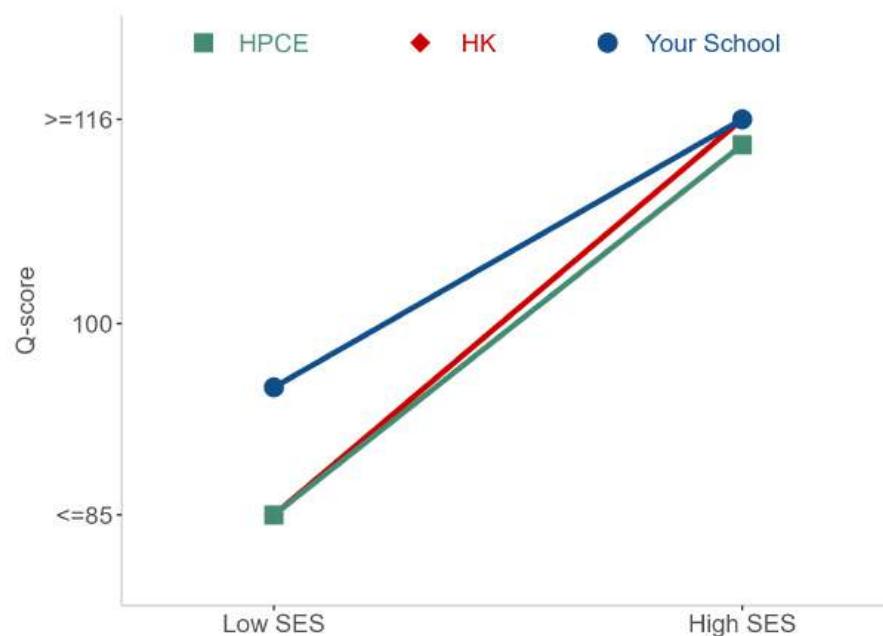
- In your school, high achievers (  $Q = 112$  ) LOWER THAN low achievers (  $Q = 116$  ).
- In HK, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 100$  ).
- In HPCE, high achievers (  $Q = 96$  ) SIMILAR TO low achievers (  $Q = 96$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve high achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve high achievers.



	Low Achievers	High Achievers
HPCE	96	96
HK	100	100
Your School	116	112

### Difference between Low/High SES (Books At Home)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 95 ).
- In HK, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 85 ).
- In HPCE, high SES ( Q = 114 ) HIGHER THAN low SES ( Q = 85 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	85	114
HK	85	116
Your School	95	116

### Difference between Boys/Girls (Books At Home)

- In your school, boys ( Q = 114 ) SIMILAR TO girls ( Q = 116 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 96 ) SIMILAR TO girls ( Q = 96 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	96	96
HK	100	100
Your School	116	114

## Own Computer (Own Computer)

**Domains:** Student Background

**Construct:** Home Educational Resources

**Type:** Item

**Descriptions:** This item measures students' access to computers at home. A higher Q-score/P-score indicates that students in your school have higher levels of access to computers at home compared to students in other schools in Hong Kong.

**Content:**

*Do you have any of these things at your home?*

*Own Computer*

### Item Distribution of Your Students (%)

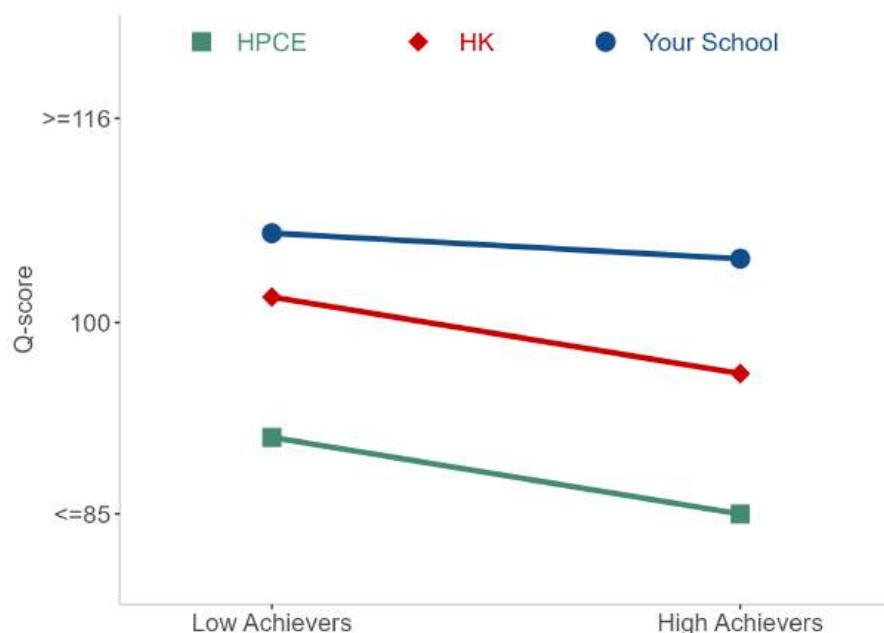
Options	Percentage
Yes	81.13
No	18.87

### Overall Performance

- Your school has Q-score 106 , P-score 65.5 .
- In HPCE, the median school Q-score is 88 , while the P-score is 21.2 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Own Computer)

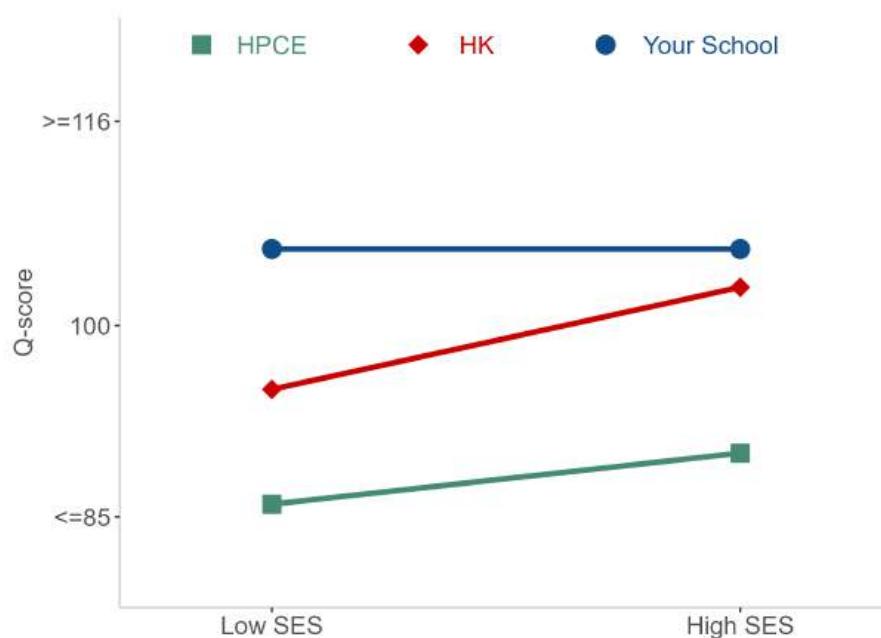
- In your school, high achievers ( Q = 105 ) SIMILAR TO low achievers ( Q = 107 ).
- In HK, high achievers ( Q = 96 ) SIMILAR TO low achievers ( Q = 102 ).
- In HPCE, high achievers ( Q = 85 ) SIMILAR TO low achievers ( Q = 91 ).
- Recommendation (cf. HK): Good, improve high achievers.
- Recommendation (cf. HPCE): Good, improve high achievers.



	Low Achievers	High Achievers
HPCE	91	85
HK	102	96
Your School	107	105

### Difference between Low/High SES (Own Computer)

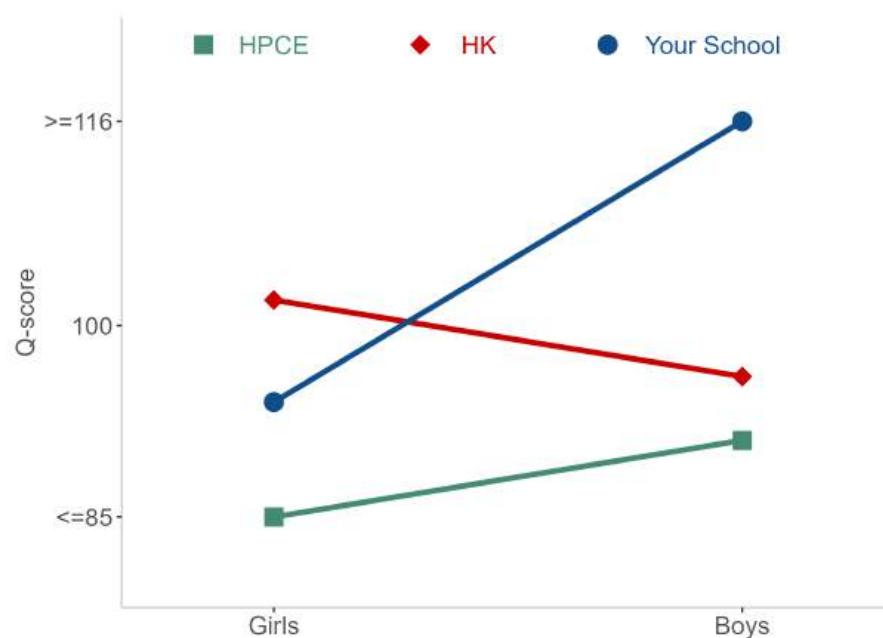
- In your school, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 106 ).
- In HK, high SES ( Q = 103 ) SIMILAR TO low SES ( Q = 95 ).
- In HPCE, high SES ( Q = 90 ) SIMILAR TO low SES ( Q = 86 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	86	90
HK	95	103
Your School	106	106

### Difference between Boys/Girls (Own Computer)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 94 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 91 ) SIMILAR TO girls ( Q = 85 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	85	91
HK	102	96
Your School	94	116

## **Shared Computer (Shared Computer)**

**Domains:** Student Background

**Construct:** Home Educational Resources

**Type:** Item

**Descriptions:** This item measures students' access to shared computers at home. A higher Q-score/P-score indicates that students in your school have higher levels of access to shared computers at home compared to students in other schools in Hong Kong.

**Content:**

*Do you have any of these things at your home?*

*Shared Computer*

### **Item Distribution of Your Students (%)**

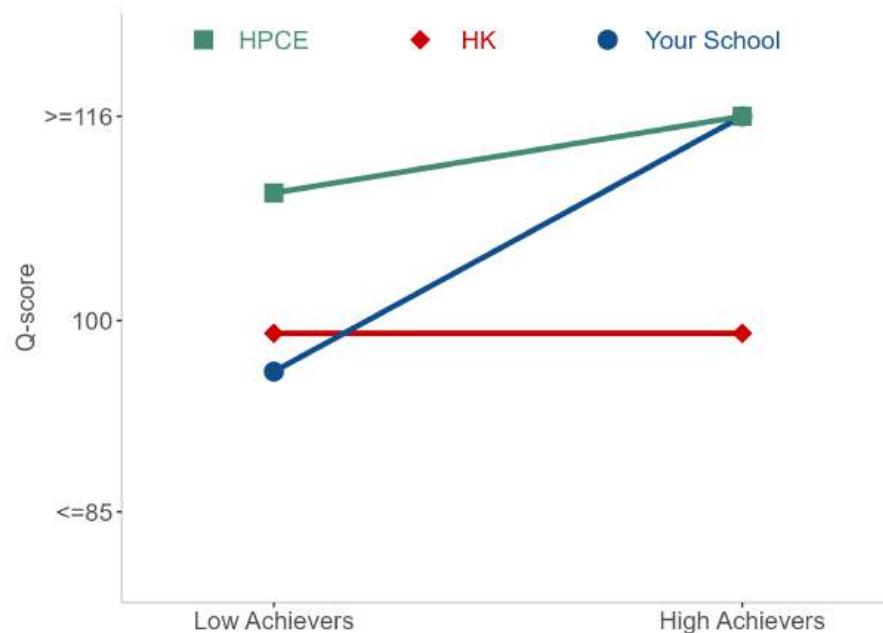
Options	Percentage
Yes	75
No	25

### **Overall Performance**

- Your school has Q-score 112 , P-score 78.8 .
- In HPCE, the median school Q-score is 117 , while the P-score is 85.7 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Shared Computer)

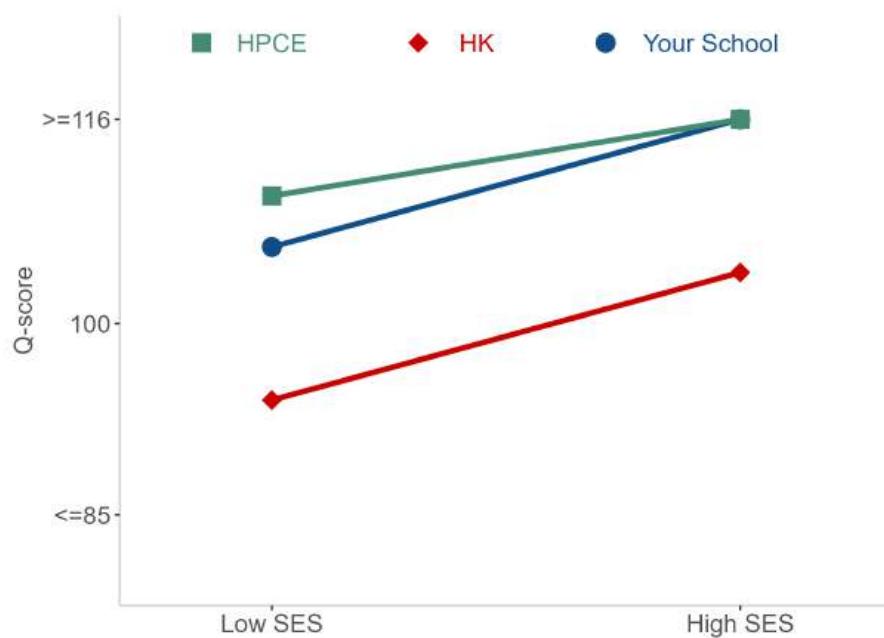
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 96$  ).
- In HK, high achievers (  $Q = 99$  ) SIMILAR TO low achievers (  $Q = 99$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 110$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	110	116
HK	99	99
Your School	96	116

## Difference between Low/High SES (Shared Computer)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 106 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 110 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	110	116
HK	94	104
Your School	106	116

### Difference between Boys/Girls (Shared Computer)

- In your school, boys ( Q = 98 ) LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 113 ) SIMILAR TO girls ( Q = 116 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	116	113
HK	100	98
Your School	116	98

## **Smart Phone (Smart Phone)**

**Domains:** Student Background

**Construct:** Home Educational Resources

**Type:** Item

**Descriptions:** This item measures students' access to smartphones. A higher Q-score/P-score indicates that students in your school have higher levels of access to smartphones compared to students in other schools in Hong Kong.

**Content:**

*Do you have any of these things at your home?*

*Smart Phone*

### **Item Distribution of Your Students (%)**

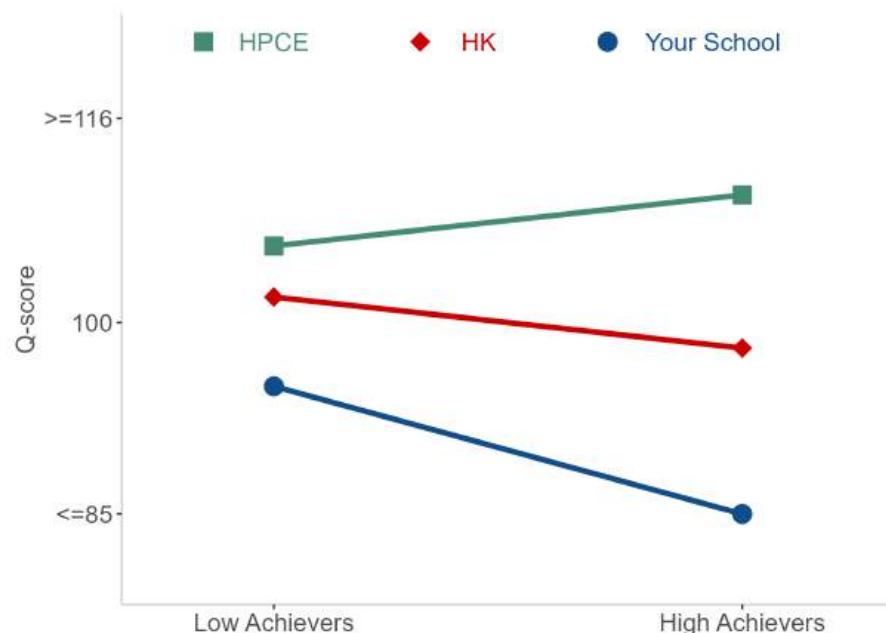
Options	Percentage
Yes	66.04
No	33.96

### **Overall Performance**

- Your school has Q-score 87 , P-score 19.3 .
- In HPCE, the median school Q-score is 108 , while the P-score is 70.3 .
- Recommendation (cf. HK): Slightly weak, IMPROVE SUBSTANTIALLY.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

### Difference between Low/High Achievers (Smart Phone)

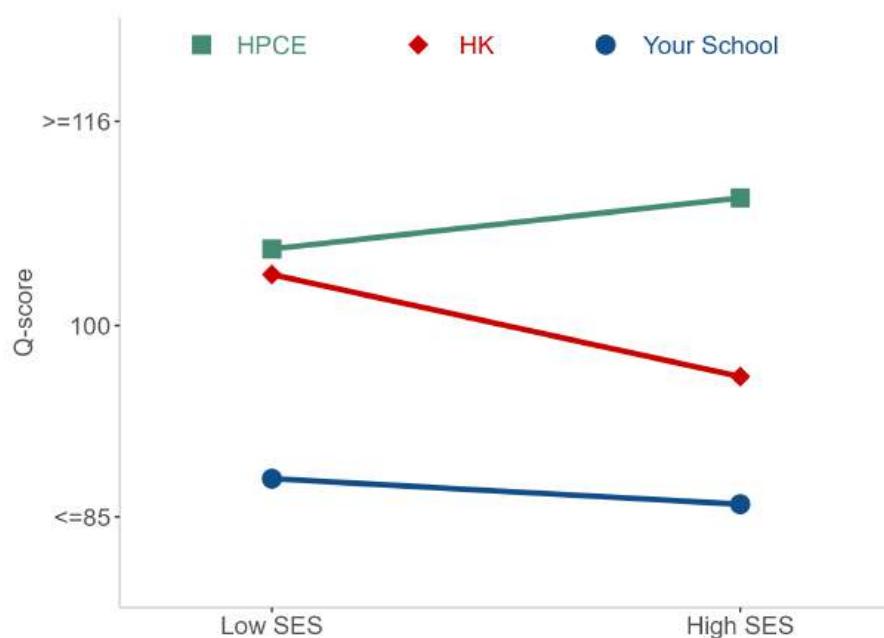
- In your school, high achievers ( Q = 85 ) LOWER THAN low achievers ( Q = 95 ).
- In HK, high achievers ( Q = 98 ) SIMILAR TO low achievers ( Q = 102 ).
- In HPCE, high achievers ( Q = 110 ) SIMILAR TO low achievers ( Q = 106 ).
- Recommendation (cf. HK): Slightly weak, improve the whole school, particularly high achievers.
- Recommendation (cf. HPCE): Slightly weak, improve the whole school, particularly high achievers.



	Low Achievers	High Achievers
HPCE	106	110
HK	102	98
Your School	95	85

## Difference between Low/High SES (Smart Phone)

- In your school, high SES ( Q = 86 ) SIMILAR TO low SES ( Q = 88 ).
- In HK, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 104 ).
- In HPCE, high SES ( Q = 110 ) SIMILAR TO low SES ( Q = 106 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	106	110
HK	104	96
Your School	88	86

## Difference between Boys/Girls (Smart Phone)

- In your school, boys ( Q = 103 ) HIGHER THAN girls ( Q = 85 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 104 ).
- In HPCE, boys ( Q = 105 ) SIMILAR TO girls ( Q = 111 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	111	105
HK	104	96
Your School	85	103

## **Internet Connection (Internet Access)**

**Domains:** Student Background

**Construct:** Home Educational Resources

**Type:** Item

**Descriptions:** This item measures students' access to the internet. A higher Q-score/P-score indicates that students in your school have higher levels of access to the internet compared to students in other schools in Hong Kong.

**Content:**

*Do you have any of these things at your home?*

*Internet Access*

### **Item Distribution of Your Students (%)**

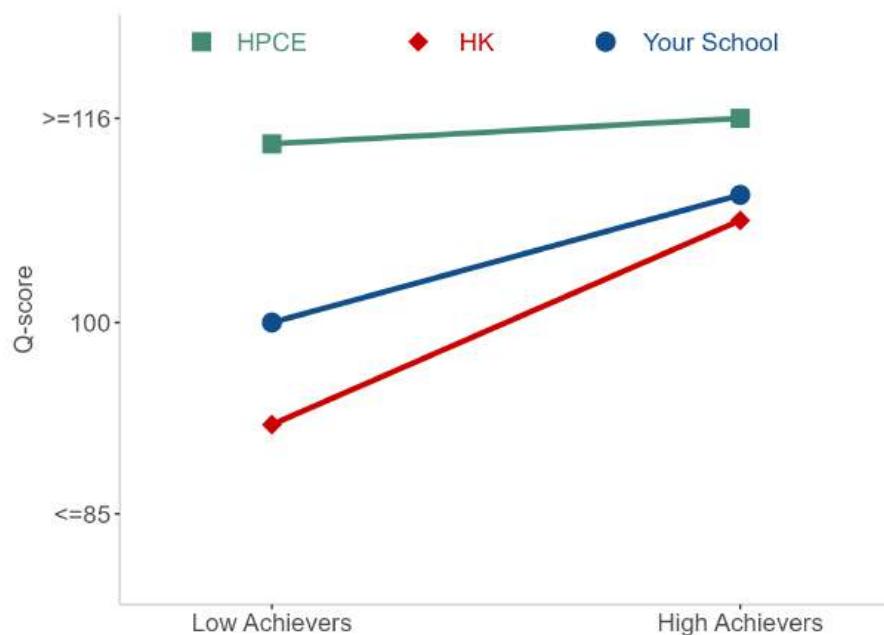
Options	Percentage
Yes	81.13
No	18.87

### **Overall Performance**

- Your school has Q-score 105 , P-score 63.1 .
- In HPCE, the median school Q-score is 116 , while the P-score is 85.7 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Internet Access)

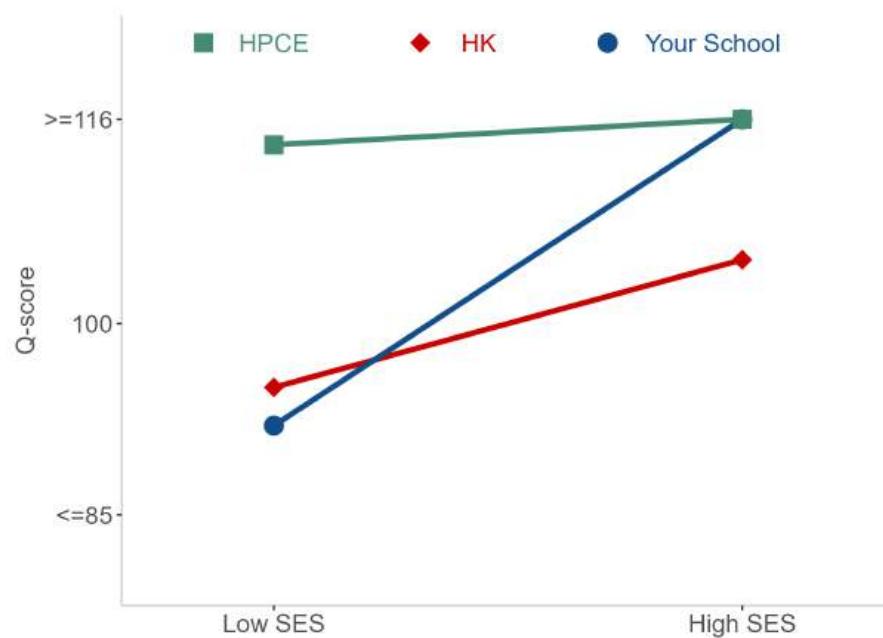
- In your school, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 100$  ).
- In HK, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 116$  ) SIMILAR TO low achievers (  $Q = 114$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	114	116
HK	92	108
Your School	100	110

## Difference between Low/High SES (Internet Access)

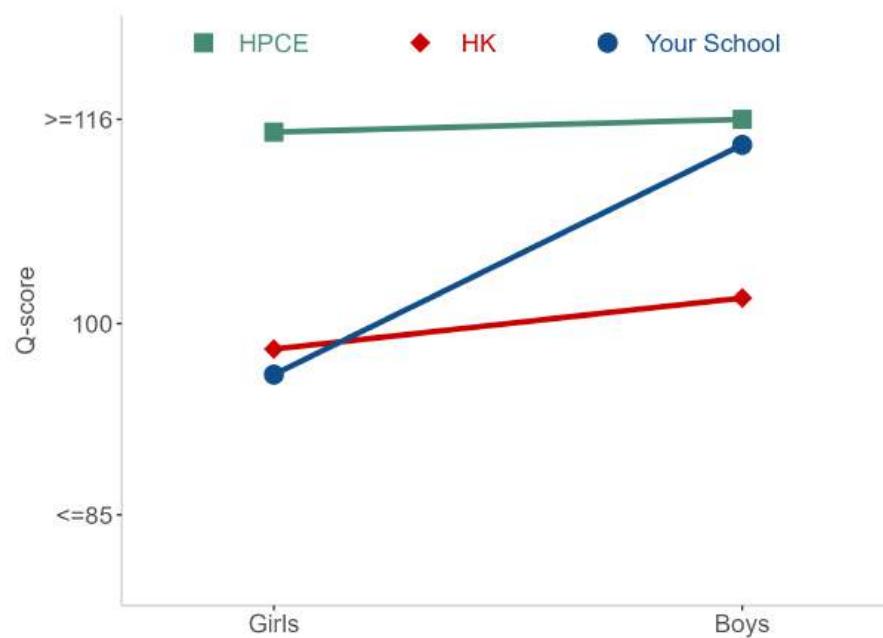
- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 92 ).
- In HK, high SES ( Q = 105 ) HIGHER THAN low SES ( Q = 95 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 114 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	114	116
HK	95	105
Your School	92	116

## Difference between Boys/Girls (Internet Access)

- In your school, boys ( Q = 114 ) HIGHER THAN girls ( Q = 96 ).
- In HK, boys ( Q = 102 ) HIGHER THAN girls ( Q = 98 ).
- In HPCE, boys ( Q = 116 ) SIMILAR TO girls ( Q = 115 ).
- Recommendation (cf. HK): Average, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	115	116
HK	98	102
Your School	96	114

## **Study Desk (Study Desk)**

**Domains:** Student Background

**Construct:** Home Educational Resources

**Type:** Item

**Descriptions:** This item measures students' access to a dedicated study space at home. A higher Q-score/P-score indicates that students in your school have higher levels of access to a dedicated study space at home compared to students in other schools in Hong Kong.

**Content:**

*Do you have any of these things at your home?*

*Study Desk*

### **Item Distribution of Your Students (%)**

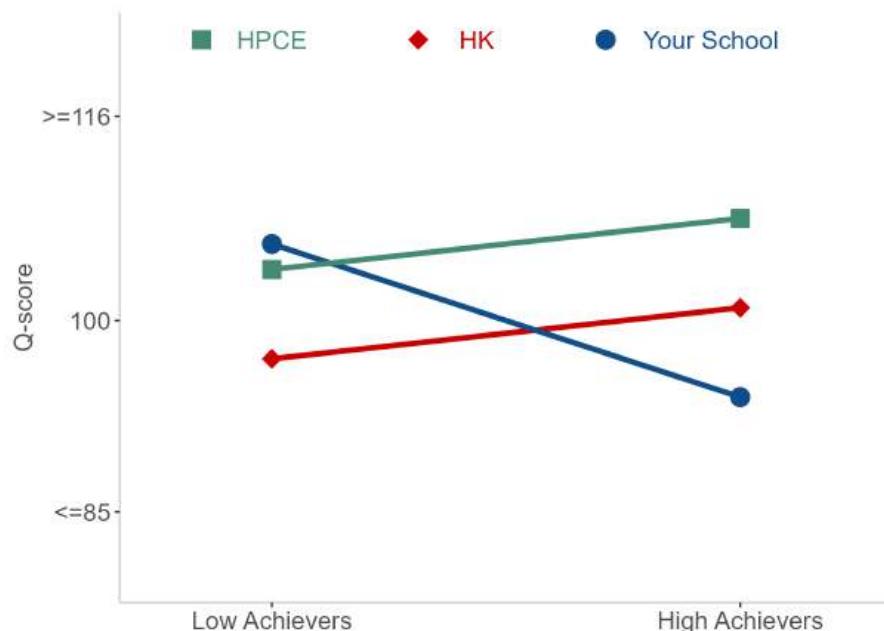
Options	Percentage
Yes	83.33
No	16.67

### **Overall Performance**

- Your school has Q-score 100 , P-score 50 .
- In HPCE, the median school Q-score is 106 , while the P-score is 65.5 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Study Desk)

- In your school, high achievers ( Q = 94 ) LOWER THAN low achievers ( Q = 106 ).
- In HK, high achievers ( Q = 101 ) SIMILAR TO low achievers ( Q = 97 ).
- In HPCE, high achievers ( Q = 108 ) SIMILAR TO low achievers ( Q = 104 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	104	108
HK	97	101
Your School	106	94

### Difference between Low/High SES (Study Desk)

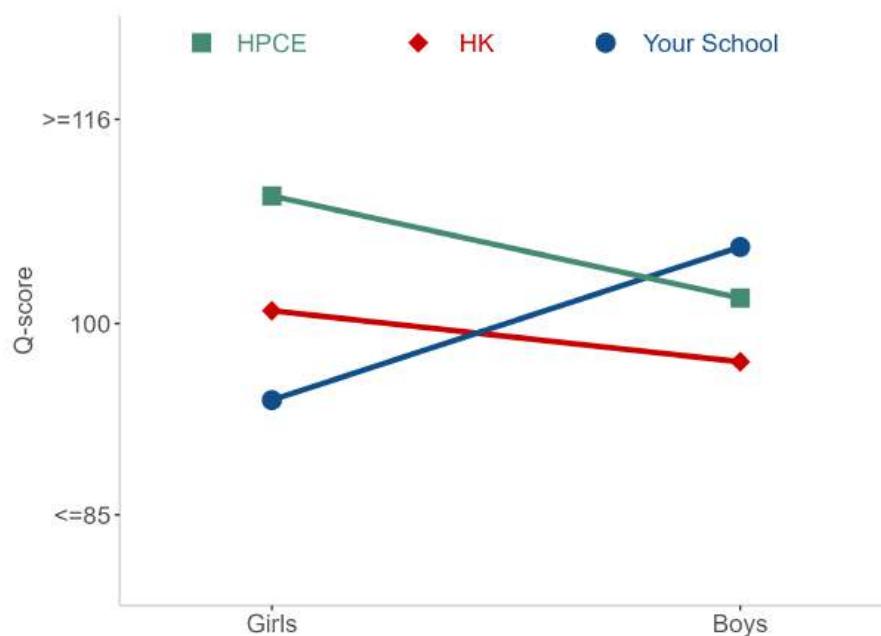
- In your school, high SES ( Q = 106 ) HIGHER THAN low SES ( Q = 94 ).
- In HK, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 90 ).
- In HPCE, high SES ( Q = 114 ) HIGHER THAN low SES ( Q = 98 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	98	114
HK	90	108
Your School	94	106

## Difference between Boys/Girls (Study Desk)

- In your school, boys ( Q = 106 ) HIGHER THAN girls ( Q = 94 ).
- In HK, boys ( Q = 97 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 102 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Good, improve girls.
- Recommendation (cf. HPCE): Good, improve girls.



	Girls	Boys
HPCE	110	102
HK	101	97
Your School	94	106

## **Own Room (Own Room)**

**Domains:** Student Background

**Construct:** Home Educational Resources

**Type:** Item

**Descriptions:** This item measures the availability of a private bedroom for the student. A higher Q-score/P-score indicates that students in your school have higher rates of having their own private bedroom compared to students in other schools in Hong Kong.

**Content:**

\*\*

*Own Room*

### **Item Distribution of Your Students (%)**

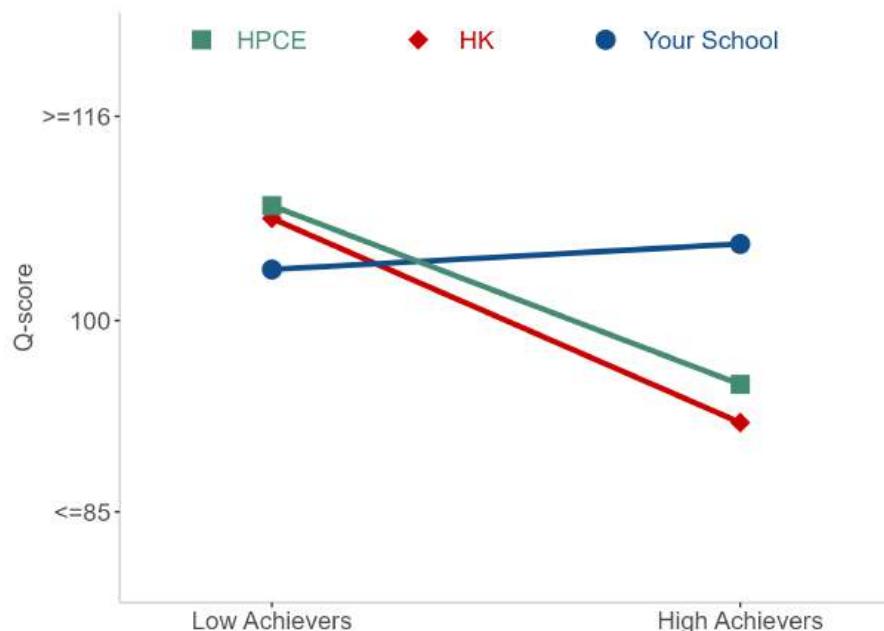
Options	Percentage
Yes	66.04
No	33.96

### **Overall Performance**

- Your school has Q-score 105 , P-score 63.1 .
- In HPCE, the median school Q-score is 102 , while the P-score is 55.3 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Own Room)

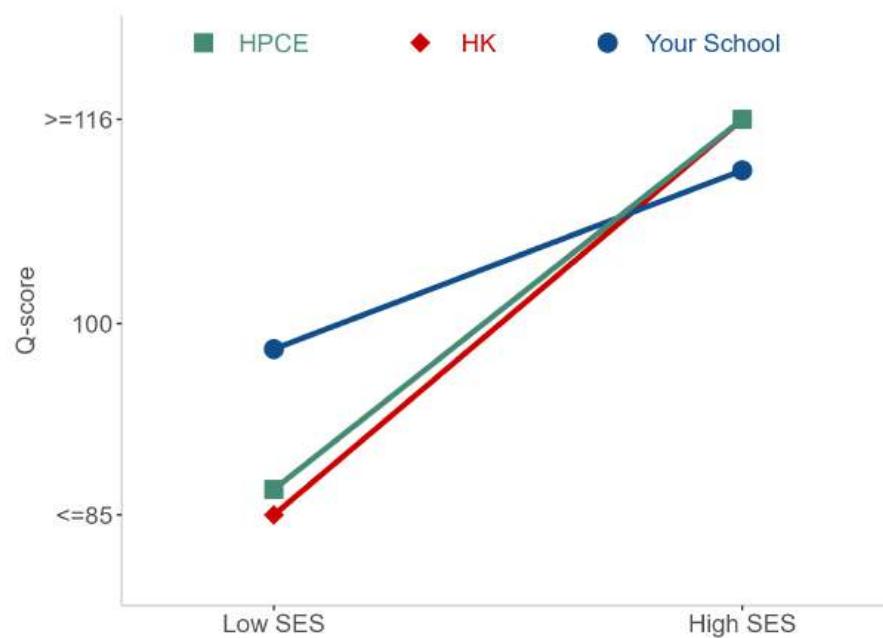
- In your school, high achievers (  $Q = 106$  ) SIMILAR TO low achievers (  $Q = 104$  ).
- In HK, high achievers (  $Q = 92$  ) LOWER THAN low achievers (  $Q = 108$  ).
- In HPCE, high achievers (  $Q = 95$  ) LOWER THAN low achievers (  $Q = 109$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	109	95
HK	108	92
Your School	104	106

### Difference between Low/High SES (Own Room)

- In your school, high SES ( Q = 112 ) HIGHER THAN low SES ( Q = 98 ).
- In HK, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 85 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 87 ).
- Recommendation (cf. HK): Average, improve low SES students.
- Recommendation (cf. HPCE): Average, improve low SES students.



	Low SES	High SES
HPCE	87	116
HK	85	116
Your School	98	112

## Difference between Boys/Girls (Own Room)

- In your school, boys ( Q = 114 ) HIGHER THAN girls ( Q = 96 ).
- In HK, boys ( Q = 104 ) SIMILAR TO girls ( Q = 96 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 100 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	100	104
HK	96	104
Your School	96	114

## **Local Born (Local Born)**

**Domains:** Student Background

**Construct:** Local Born

**Type:** Item

**Descriptions:** This item indicates whether students were born in the local area or region. A higher Q-score/P-score indicates a higher proportion of students in your school were born in Hong Kong compared to students in other schools in Hong Kong.

**Content:**

*Were you born in HK?*

\*\*

### **Item Distribution of Your Students (%)**

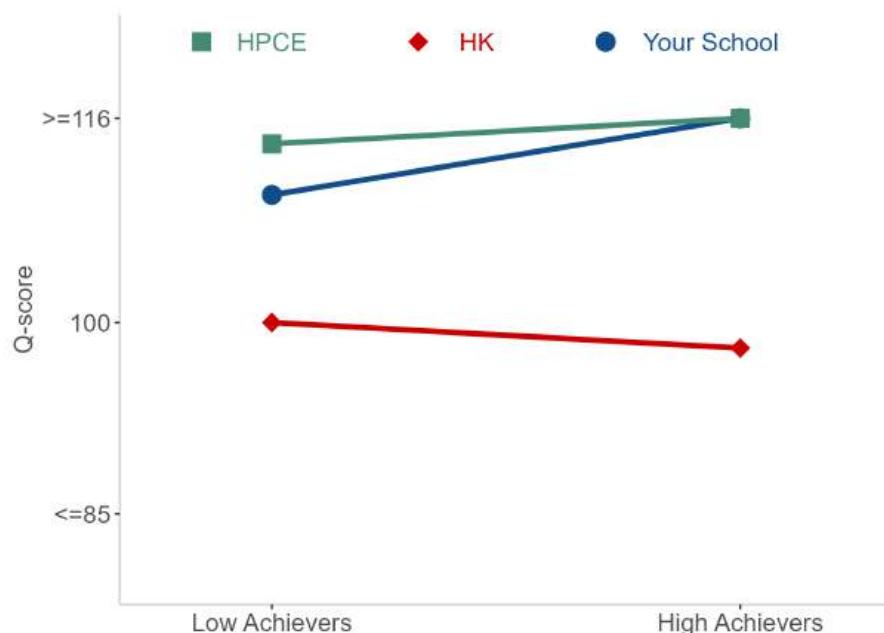
Options	Percentage
Yes	96.15
No	3.85

### **Overall Performance**

- Your school has Q-score 115 , P-score 84.1 .
- In HPCE, the median school Q-score is 115 , while the P-score is 84.1 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Local Born)

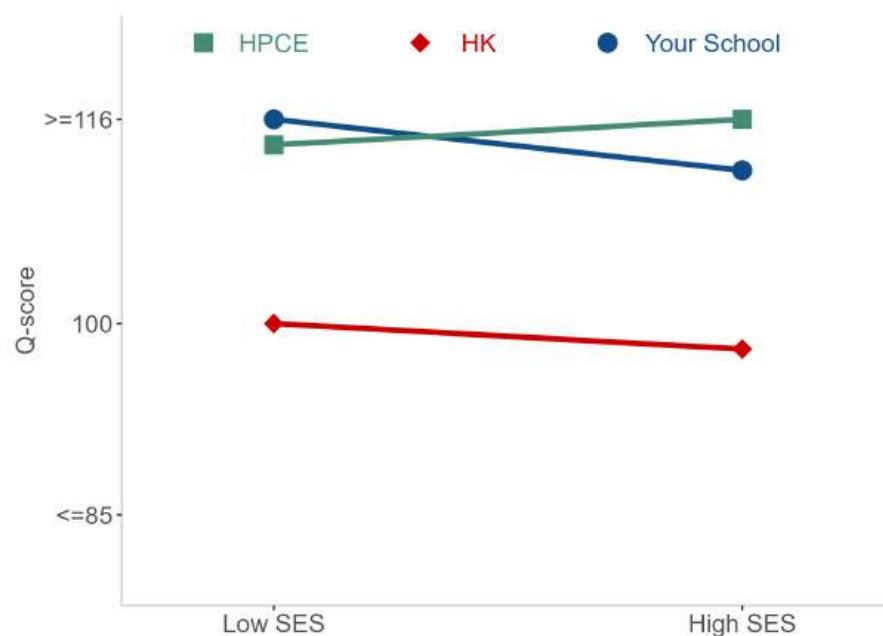
- In your school, high achievers ( Q = 116 ) HIGHER THAN low achievers ( Q = 110 ).
- In HK, high achievers ( Q = 98 ) SIMILAR TO low achievers ( Q = 100 ).
- In HPCE, high achievers ( Q = 116 ) SIMILAR TO low achievers ( Q = 114 ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	114	116
HK	100	98
Your School	110	116

## Difference between Low/High SES (Local Born)

- In your school, high SES ( Q = 112 ) LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 114 ).
- Recommendation (cf. HK): Good, improve high SES students.
- Recommendation (cf. HPCE): Average, improve high SES students.



	Low SES	High SES
HPCE	114	116
HK	100	98
Your School	116	112

## Difference between Boys/Girls (Local Born)

- In your school, boys ( Q = 112 ) LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 101 ) SIMILAR TO girls ( Q = 97 ).
- In HPCE, boys ( Q = 114 ) SIMILAR TO girls ( Q = 116 ).
- Recommendation (cf. HK): Good, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	116	114
HK	97	101
Your School	116	112

## No Hungry (No Hunger)

**Domains:** Student Background

**Construct:** No Hunger

**Type:** Item

**Descriptions:** This item assesses whether students come to school without feeling hungry. A higher Q-score/P-score indicates that a higher proportion of students in your school come to school without feeling hungry compared to students in other schools in Hong Kong.

**Content:**

*How often do you feel this way when you arrive at school?*

*I feel hungry*

### Item Distribution of Your Students (%)

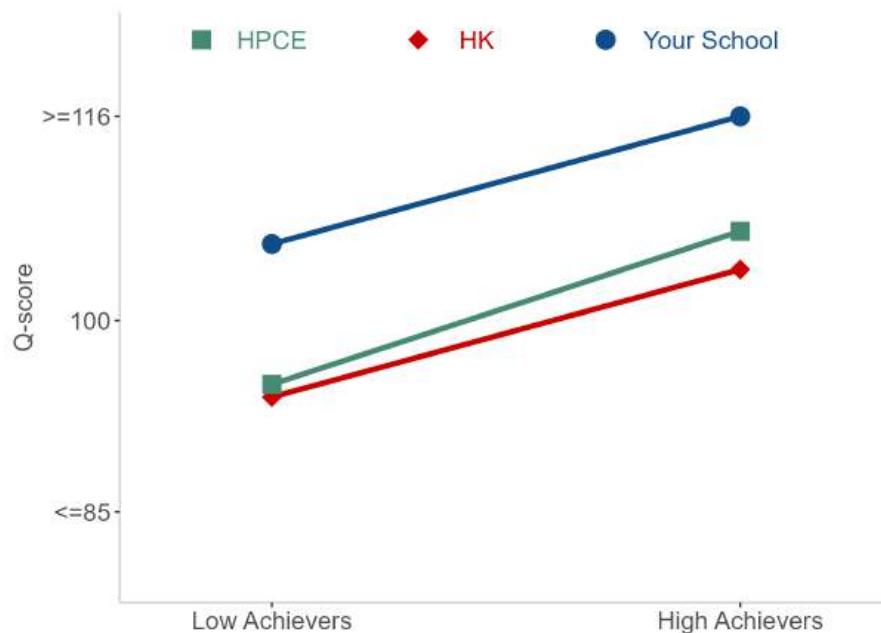
Options	Percentage
Every day	15.38
Almost every day	15.38
Sometimes	44.23
Never	25.00

### Overall Performance

- Your school has Q-score 113 , P-score 80.7 .
- In HPCE, the median school Q-score is 101 , while the P-score is 52.7 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (No Hunger)

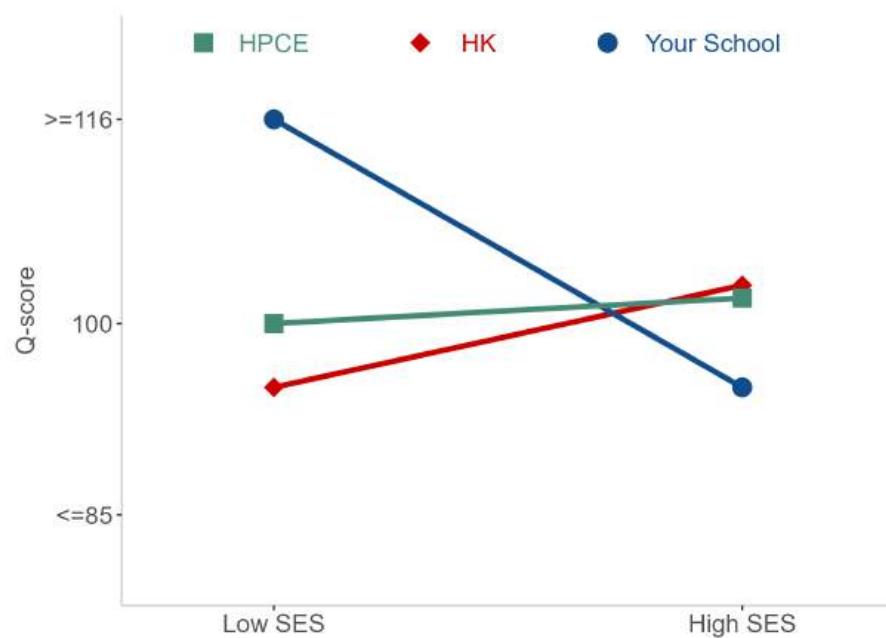
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 106$  ).
- In HK, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 107$  ) HIGHER THAN low achievers (  $Q = 95$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	95	107
HK	94	104
Your School	106	116

## Difference between Low/High SES (No Hunger)

- In your school, high SES ( Q = 95 ) VERY MUCH LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 103 ) SIMILAR TO low SES ( Q = 95 ).
- In HPCE, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 100 ).
- Recommendation (cf. HK): Slightly weak, improve particularly high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly high SES students.



	Low SES	High SES
HPCE	100	102
HK	95	103
Your School	116	95

## Difference between Boys/Girls (No Hunger)

- In your school, boys ( Q = 95 ) VERY MUCH LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 99 ).
- In HPCE, boys ( Q = 98 ) SIMILAR TO girls ( Q = 104 ).
- Recommendation (cf. HK): Slightly weak, improve particularly boys.
- Recommendation (cf. HPCE): Slightly weak, improve particularly boys.



	Girls	Boys
HPCE	104	98
HK	99	99
Your School	116	95

## **VIII. Results: Parent**

## Parents' Highest Education Level (Parents' Edu Level)

**Domains:** Parent

**Construct:** Home Educational Resources

**Type:** Item

**Descriptions:** This item measures the highest level of education attained by either or both parents. A higher Q-score/P-score indicates that a higher proportion of students in your school have parents with higher levels of education compared to students in other schools in Hong Kong.

**Content:**

*Highest level of education of either parent*

\*\*

### Item Distribution of Your Students (%)

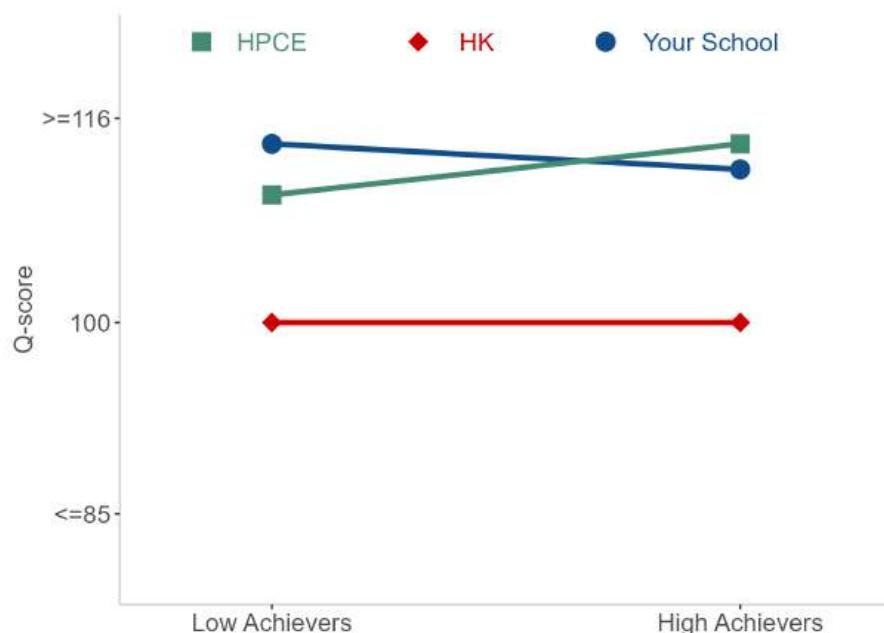
Options	Percentage
University or Higher	70.59
Post-Secondary Education but not University	3.92
Upper Secondary	19.61
Lower Secondary	5.88
Some Primary or Lower Secondary or Did not go to School	
Not Applicable	

### Overall Performance

- Your school has Q-score 113 , P-score 80.7 .
- In HPCE, the median school Q-score is 112 , while the P-score is 78.8 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Parents' Edu Level)

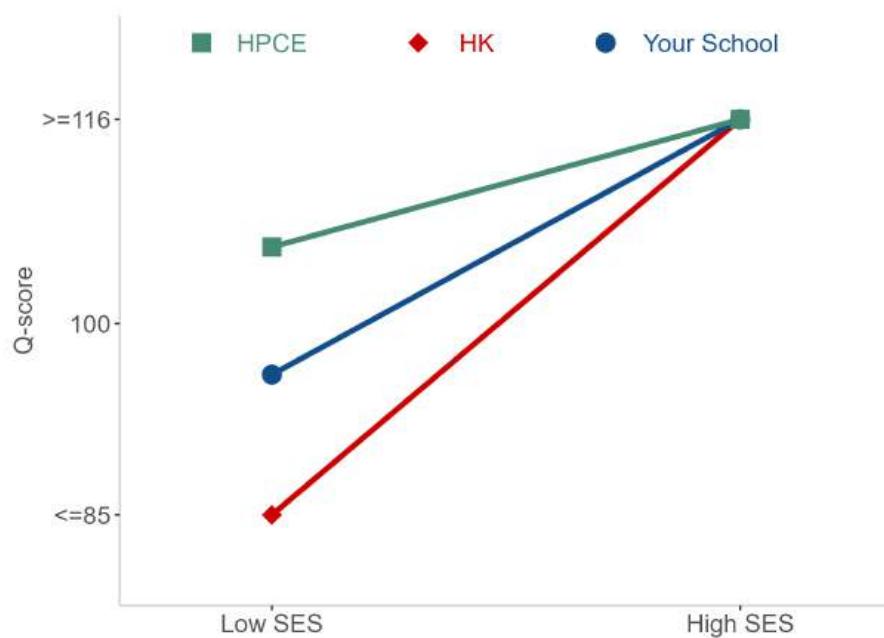
- In your school, high achievers (  $Q = 112$  ) LOWER THAN low achievers (  $Q = 114$  ).
- In HK, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 100$  ).
- In HPCE, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 110$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve high achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve high achievers.



	Low Achievers	High Achievers
HPCE	110	114
HK	100	100
Your School	114	112

## Difference between Low/High SES (Parents' Edu Level)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 96 ).
- In HK, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 85 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 106 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	106	116
HK	85	116
Your School	96	116

### Difference between Boys/Girls (Parents' Edu Level)

- In your school, boys ( Q = 110 ) LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 112 ) SIMILAR TO girls ( Q = 112 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	112	112
HK	100	100
Your School	116	110

## Parents' Occupation (Parents' Job)

**Domains:** Parent

**Construct:** Home Educational Resources

**Type:** Item

**Descriptions:** This item measures the level of Parents' occupation. A higher Q-score/P-score indicates that a higher proportion of students in your school have parents with higher levels occupation compared to students in other schools in Hong Kong.

**Content:**

\*\*  
\*\*

### Item Distribution of Your Students (%)

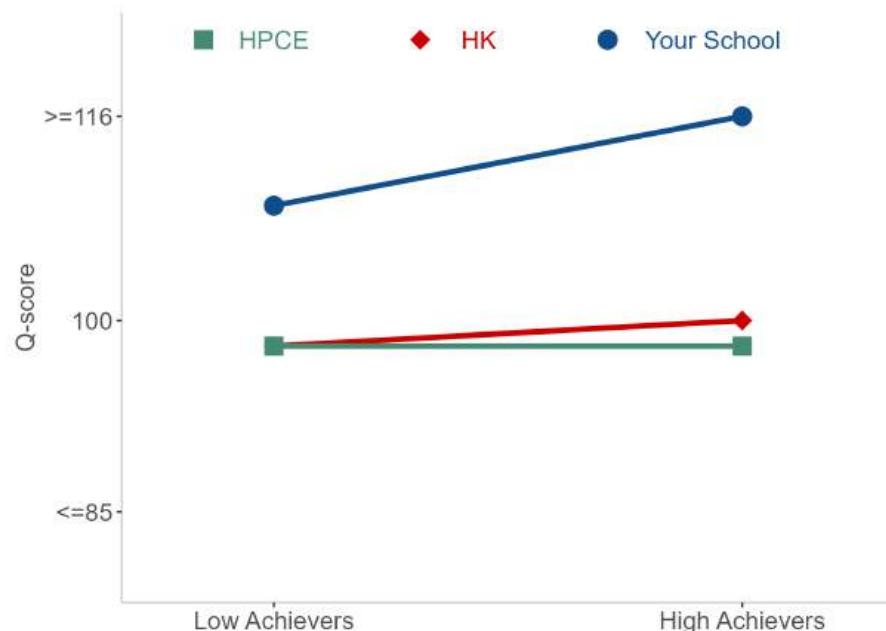
Options	Percentage
Professional	69.57
Small Business Owner	10.87
Clerical	17.39
Skilled Worker	
General Laborer	2.17
Never Worked for Pay	
Not Applicable	

### Overall Performance

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Parents' Job)

- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 109$  ).
- In HK, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- In HPCE, high achievers (  $Q = 98$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	98	98
HK	98	100
Your School	109	116

## Difference between Low/High SES (Parents' Job)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 109 ).
- In HK, high SES ( Q = 114 ) HIGHER THAN low SES ( Q = 85 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 85 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	85	116
HK	85	114
Your School	109	116

## Difference between Boys/Girls (Parents' Job)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 98 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Good, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	98	98
HK	100	98
Your School	116	116

## **Early Literacy Activities Before School (Early Literacy Activities)**

**Domains:** Parent

**Construct:** Early Literacy Activities Before School

**Type:** Scale

**Descriptions:** This scale assesses the level of early literacy activities before school. A higher Q-score/P-score indicates that students in your school have more early literacy activities before school compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

Read books

Tell stories

Play with alphabet toys (e.g., blocks with letters of the alphabet)

Talk about things you had done

Talk about what you had read

Play word games

Write letters or words

Read aloud signs and labels

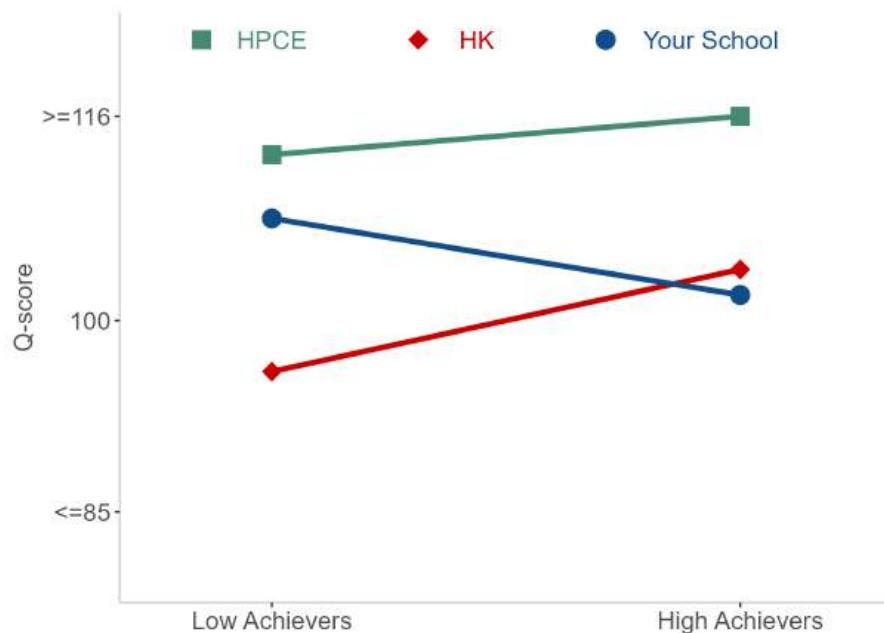
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 105 , P-score 63.1 .
- In HPCE, the median school Q-score is 115 , while the P-score is 84.1 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Early Literacy Activities)

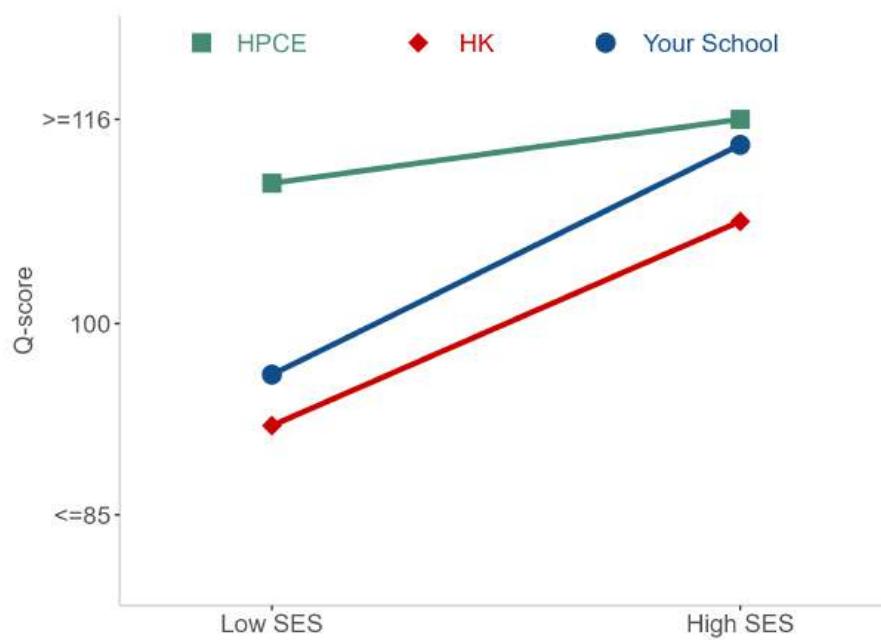
- In your school, high achievers (  $Q = 102$  ) LOWER THAN low achievers (  $Q = 108$  ).
- In HK, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 96$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 113$  ).
- Recommendation (cf. HK): Good, improve high achievers.
- Recommendation (cf. HPCE): Good, improve high achievers.



	Low Achievers	High Achievers
HPCE	113	116
HK	96	104
Your School	108	102

## Difference between Low/High SES (Early Literacy Activities)

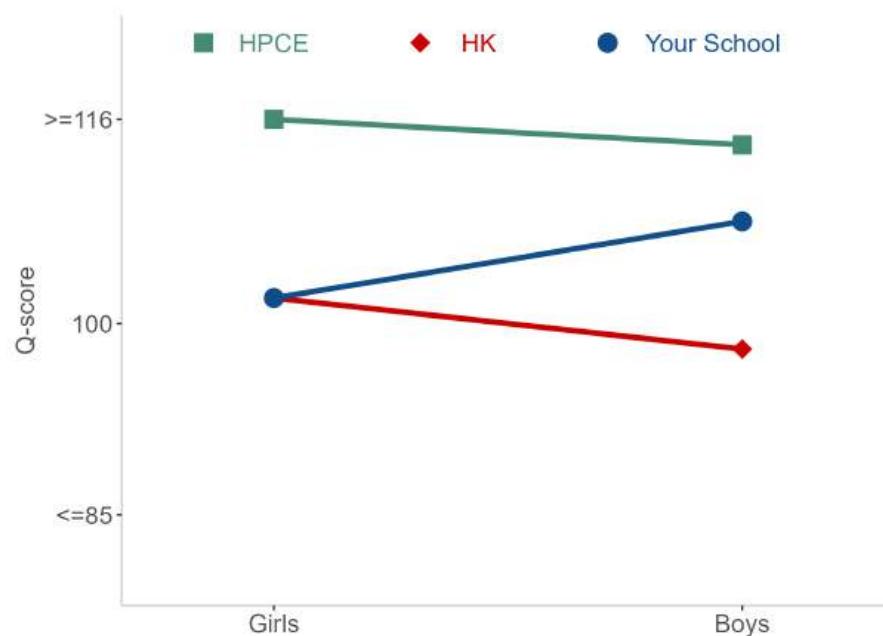
- In your school, high SES ( Q = 114 ) HIGHER THAN low SES ( Q = 96 ).
- In HK, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 92 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 111 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	111	116
HK	92	108
Your School	96	114

### Difference between Boys/Girls (Early Literacy Activities)

- In your school, boys ( Q = 108 ) HIGHER THAN girls ( Q = 102 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 114 ) SIMILAR TO girls ( Q = 116 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	116	114
HK	102	98
Your School	102	108

## **Read Books (Read Books)**

**Domains:** Parent

**Construct:** Early Literacy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students read books before starting school. A higher Q-score/P-score indicates that students in your school engaged more frequently in reading books before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Read books*

### **Item Distribution of Your Students (%)**

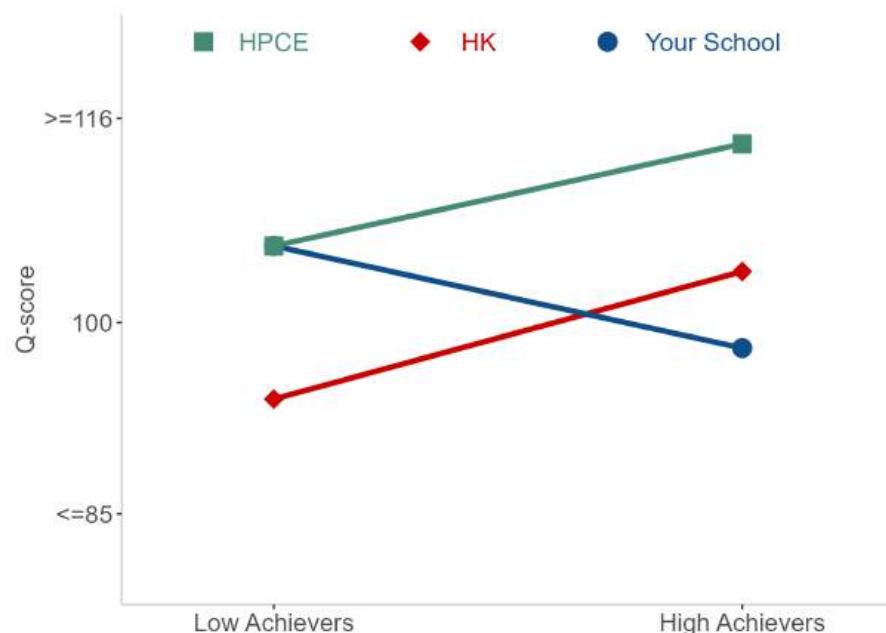
Options	Percentage
Often	34.62
Sometimes	57.69
Never or almost never	7.69

### **Overall Performance**

- Your school has Q-score 102 , P-score 55.3 .
- In HPCE, the median school Q-score is 110 , while the P-score is 74.8 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Read Books)

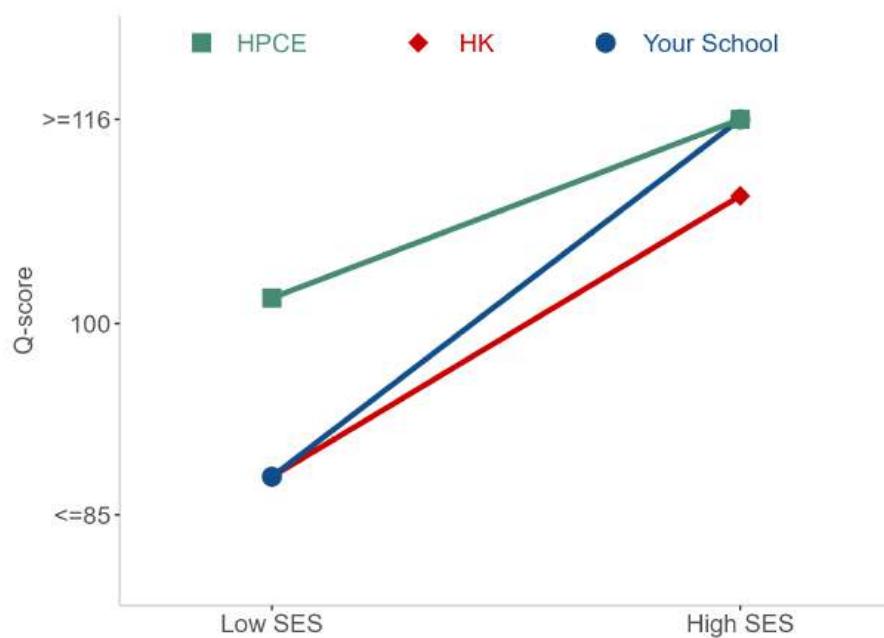
- In your school, high achievers ( Q = 98 ) LOWER THAN low achievers ( Q = 106 ).
- In HK, high achievers ( Q = 104 ) HIGHER THAN low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 114 ) HIGHER THAN low achievers ( Q = 106 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	106	114
HK	94	104
Your School	106	98

## Difference between Low/High SES (Read Books)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 88 ).
- In HK, high SES ( Q = 110 ) HIGHER THAN low SES ( Q = 88 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 102 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	102	116
HK	88	110
Your School	88	116

### Difference between Boys/Girls (Read Books)

- In your school, boys ( Q = 103 ) SIMILAR TO girls ( Q = 101 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 108 ) SIMILAR TO girls ( Q = 112 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	112	108
HK	100	98
Your School	101	103

## Tell Stories (Tell Stories)

**Domains:** Parent

**Construct:** Early Literacy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students were told stories before starting school. A higher Q-score/P-score indicates that students in your school experienced more frequent storytelling activities before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Tell stories*

### Item Distribution of Your Students (%)

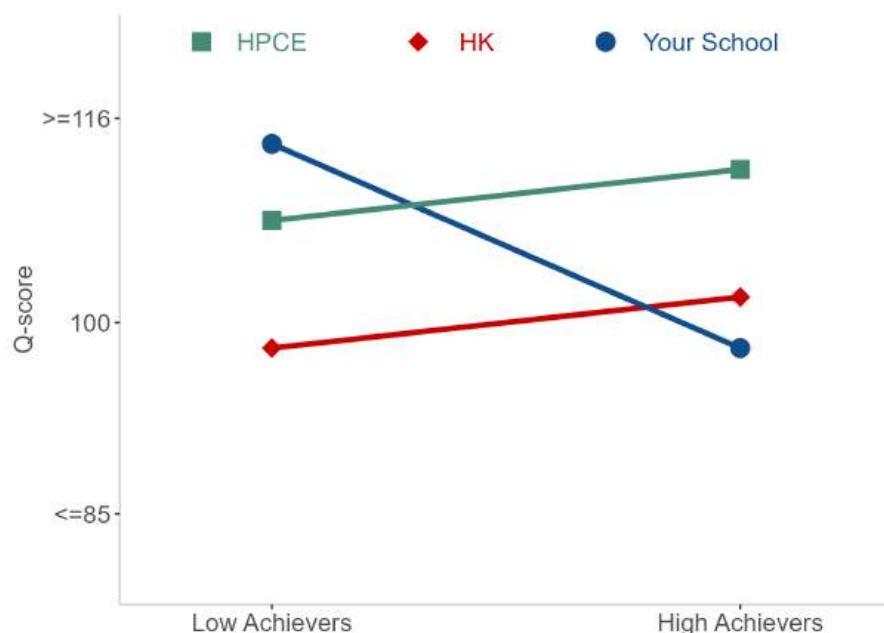
Options	Percentage
Often	30.77
Sometimes	65.38
Never or almost never	3.85

### Overall Performance

- Your school has Q-score 106 , P-score 65.5 .
- In HPCE, the median school Q-score is 110 , while the P-score is 74.8 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Tell Stories)

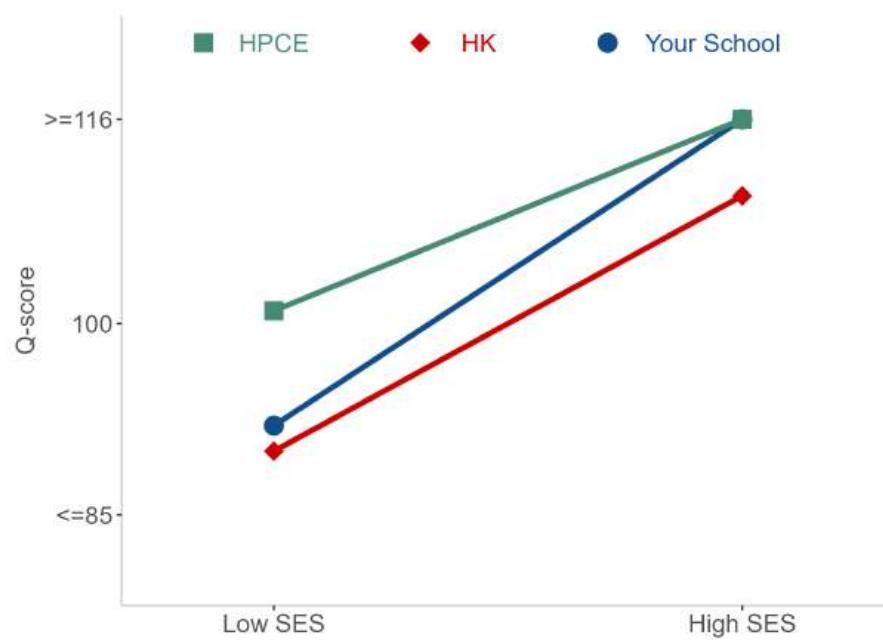
- In your school, high achievers (  $Q = 98$  ) VERY MUCH LOWER THAN low achievers (  $Q = 114$  ).
- In HK, high achievers (  $Q = 102$  ) HIGHER THAN low achievers (  $Q = 98$  ).
- In HPCE, high achievers (  $Q = 112$  ) HIGHER THAN low achievers (  $Q = 108$  ).
- Recommendation (cf. HK): Good, improve high achievers.
- Recommendation (cf. HPCE): Good, improve high achievers.



	Low Achievers	High Achievers
HPCE	108	112
HK	98	102
Your School	114	98

## Difference between Low/High SES (Tell Stories)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 92 ).
- In HK, high SES ( Q = 110 ) HIGHER THAN low SES ( Q = 90 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 101 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	101	116
HK	90	110
Your School	92	116

### Difference between Boys/Girls (Tell Stories)

- In your school, boys ( Q = 106 ) SIMILAR TO girls ( Q = 106 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 110 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	110	110
HK	101	99
Your School	106	106

## Play Alphabet (Play Alphabet)

**Domains:** Parent

**Construct:** Early Literacy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students engaged in activities involving alphabet toys (e.g., blocks with letters of the alphabet) before starting school. A higher Q-score/P-score indicates that students in your school had greater exposure to alphabet-related play before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Play with alphabet toys (e.g., blocks with letters of the alphabet)*

### Item Distribution of Your Students (%)

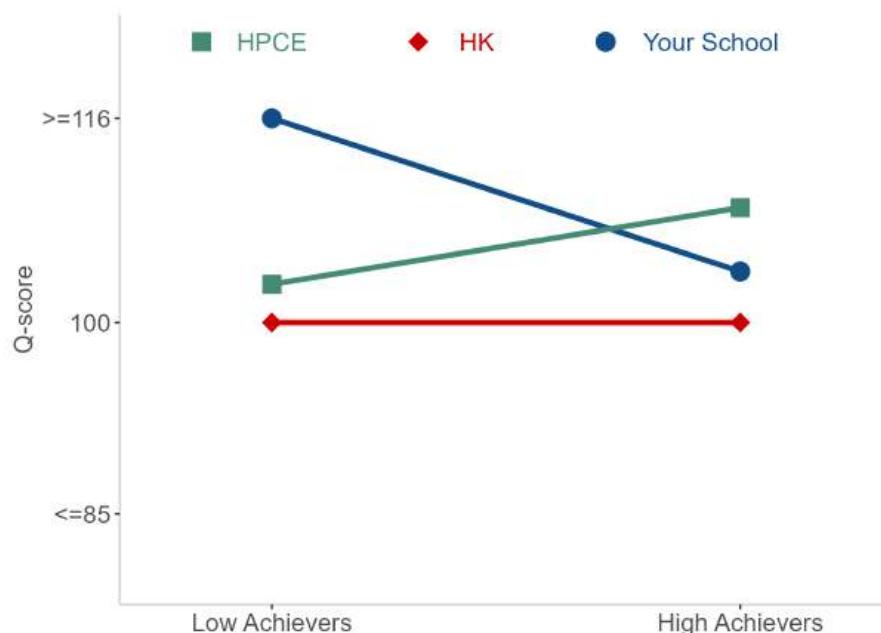
Options	Percentage
Often	40.38
Sometimes	53.85
Never or almost never	5.77

### Overall Performance

- Your school has Q-score 111 , P-score 76.8 .
- In HPCE, the median school Q-score is 106 , while the P-score is 65.5 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Play Alphabet)

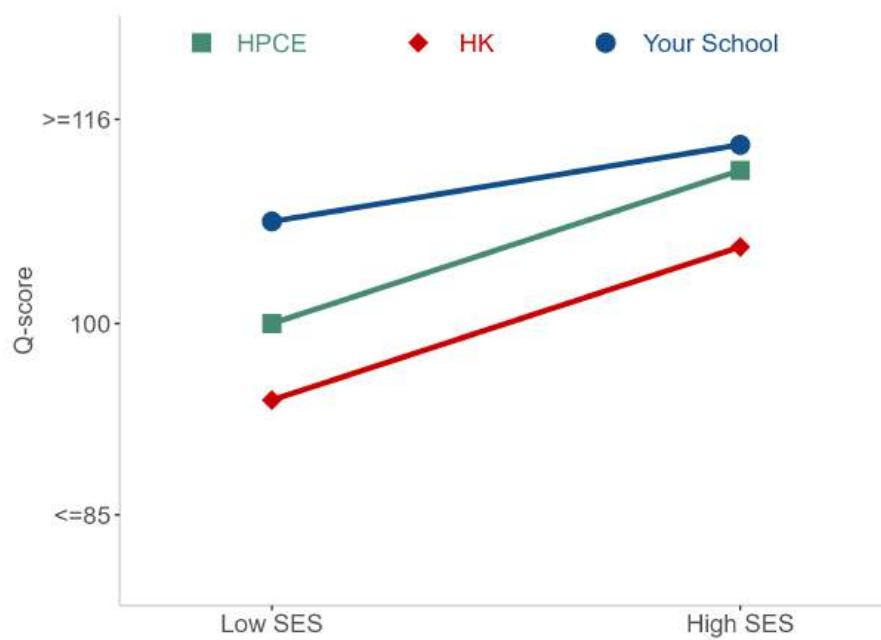
- In your school, high achievers (  $Q = 104$  ) VERY MUCH LOWER THAN low achievers (  $Q = 116$  ).
- In HK, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 100$  ).
- In HPCE, high achievers (  $Q = 109$  ) SIMILAR TO low achievers (  $Q = 103$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve high achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve high achievers.



	Low Achievers	High Achievers
HPCE	103	109
HK	100	100
Your School	116	104

### Difference between Low/High SES (Play Alphabet)

- In your school, high SES ( Q = 114 ) HIGHER THAN low SES ( Q = 108 ).
- In HK, high SES ( Q = 106 ) HIGHER THAN low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 112 ) HIGHER THAN low SES ( Q = 100 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	100	112
HK	94	106
Your School	108	114

### Difference between Boys/Girls (Play Alphabet)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 101 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 104 ) SIMILAR TO girls ( Q = 108 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	108	104
HK	100	100
Your School	101	116

## **Talk What Had Done (Talk About Activities)**

**Domains:** Parent

**Construct:** Early Literacy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students engaged in conversations about their daily experiences before starting school. A higher Q-score/P-score indicates that students in your school had more frequent opportunities to discuss their activities and experiences with others before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Talk about things you had done*

### **Item Distribution of Your Students (%)**

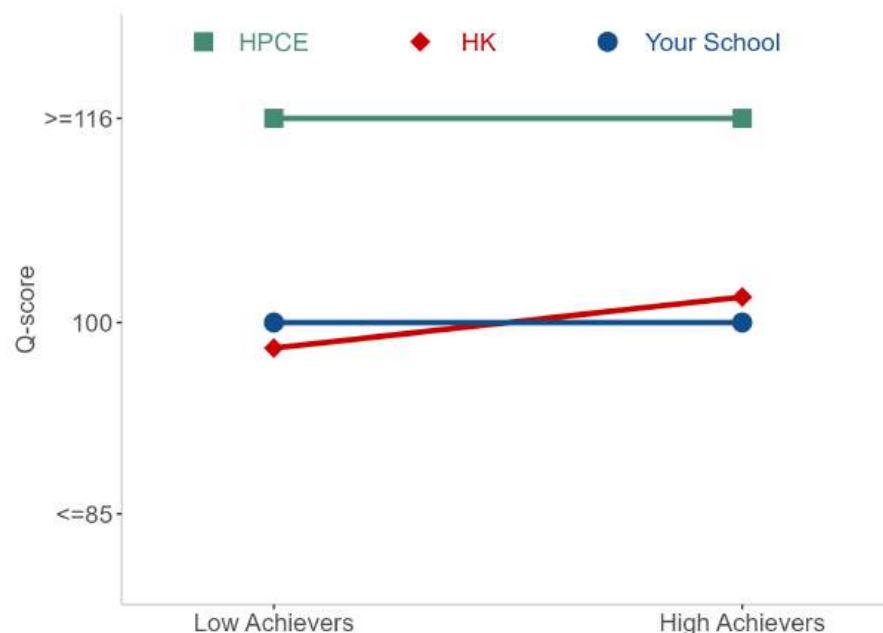
Options	Percentage
Often	36.54
Sometimes	57.69
Never or almost never	5.77

### **Overall Performance**

- Your school has Q-score 100 , P-score 50 .
- In HPCE, the median school Q-score is 118 , while the P-score is 85.7 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

## Difference between Low/High Achievers (Talk About Activities)

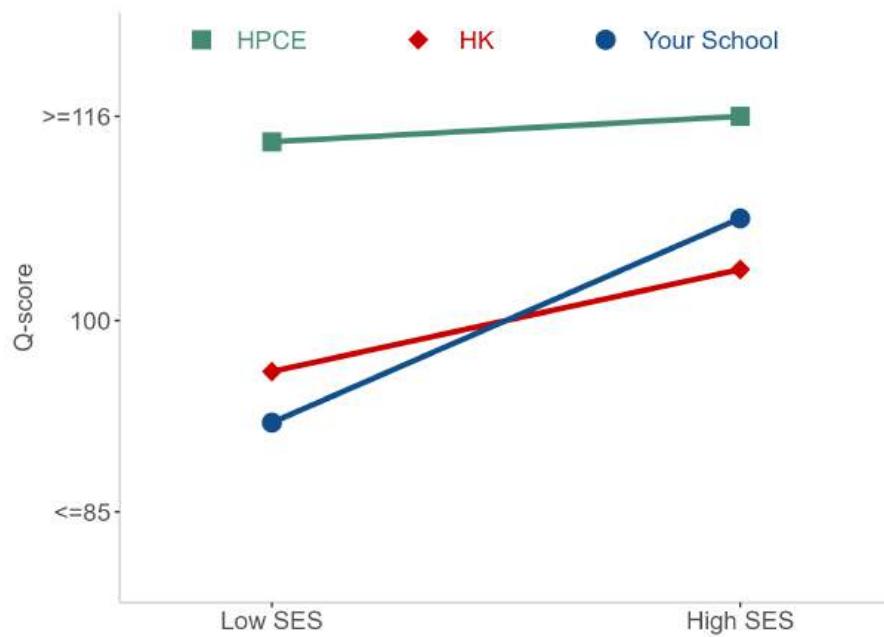
- In your school, high achievers ( Q = 100 ) SIMILAR TO low achievers ( Q = 100 ).
- In HK, high achievers ( Q = 102 ) SIMILAR TO low achievers ( Q = 98 ).
- In HPCE, high achievers ( Q = 116 ) SIMILAR TO low achievers ( Q = 116 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	116	116
HK	98	102
Your School	100	100

## Difference between Low/High SES (Talk About Activities)

- In your school, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 92 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 114 ).
- Recommendation (cf. HK): Average, improve low SES students.
- Recommendation (cf. HPCE): Average, improve low SES students.



	Low SES	High SES
HPCE	114	116
HK	96	104
Your School	92	108

### Difference between Boys/Girls (Talk About Activities)

- In your school, boys ( Q = 94 ) LOWER THAN girls ( Q = 106 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 116 ) SIMILAR TO girls ( Q = 116 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	116	116
HK	101	99
Your School	106	94

## **Book Discussion (Book Discussions)**

**Domains:** Parent

**Construct:** Early Literacy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students discussed books with others (e.g., parents, siblings, caregivers) before starting school. A higher Q-score/P-score indicates that students in your school had more frequent opportunities to engage in book discussions before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Talk about what you had read*

### **Item Distribution of Your Students (%)**

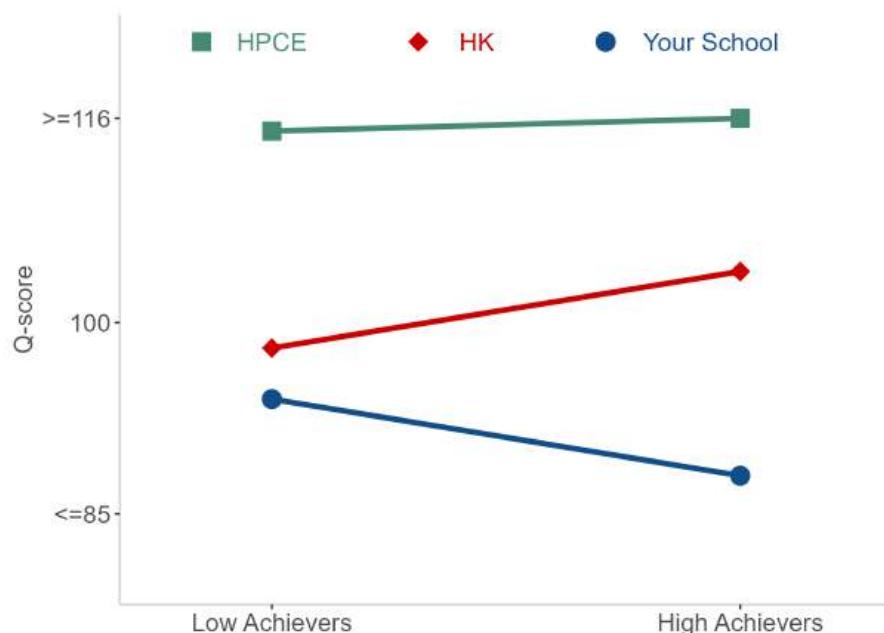
Options	Percentage
Often	9.80
Sometimes	72.55
Never or almost never	17.65

### **Overall Performance**

- Your school has Q-score 91 , P-score 27.4 .
- In HPCE, the median school Q-score is 116 , while the P-score is 85.7 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALY.

## Difference between Low/High Achievers (Book Discussions)

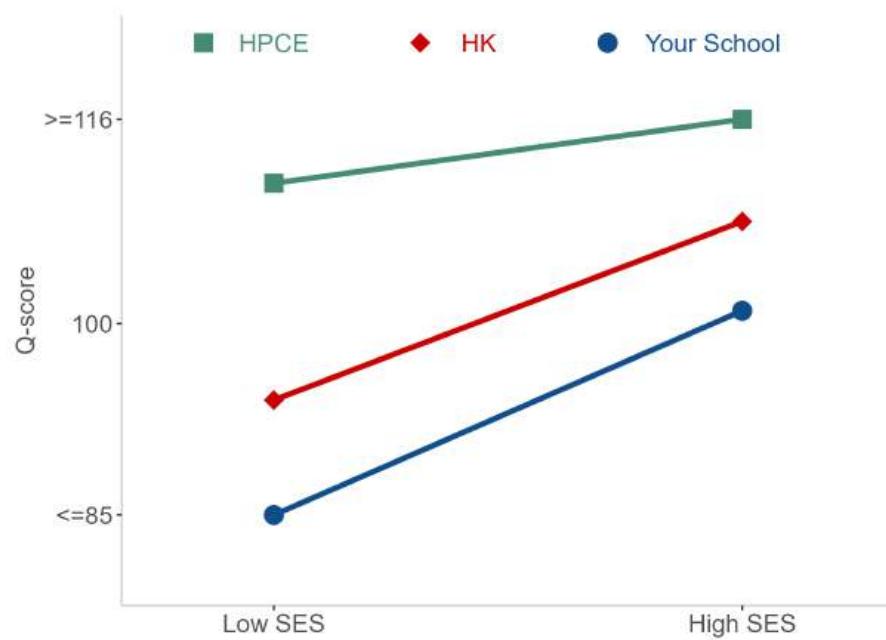
- In your school, high achievers ( Q = 88 ) SIMILAR TO low achievers ( Q = 94 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 98 ).
- In HPCE, high achievers ( Q = 116 ) SIMILAR TO low achievers ( Q = 115 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	115	116
HK	98	104
Your School	94	88

## Difference between Low/High SES (Book Discussions)

- In your school, high SES ( Q = 101 ) HIGHER THAN low SES ( Q = 85 ).
- In HK, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 111 ).
- Recommendation (cf. HK): Average, improve low SES students.
- Recommendation (cf. HPCE): Average, improve low SES students.



	Low SES	High SES
HPCE	111	116
HK	94	108
Your School	85	101

### Difference between Boys/Girls (Book Discussions)

- In your school, boys ( Q = 94 ) SIMILAR TO girls ( Q = 88 ).
- In HK, boys ( Q = 101 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 115 ) SIMILAR TO girls ( Q = 116 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	116	115
HK	101	101
Your School	88	94

## Play Word Games (Word Games)

**Domains:** Parent

**Construct:** Early Literacy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students played word games (e.g., rhyming games, word puzzles) before starting school. A higher Q-score/P-score indicates that students in your school had more frequent exposure to word games before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Play word games*

### Item Distribution of Your Students (%)

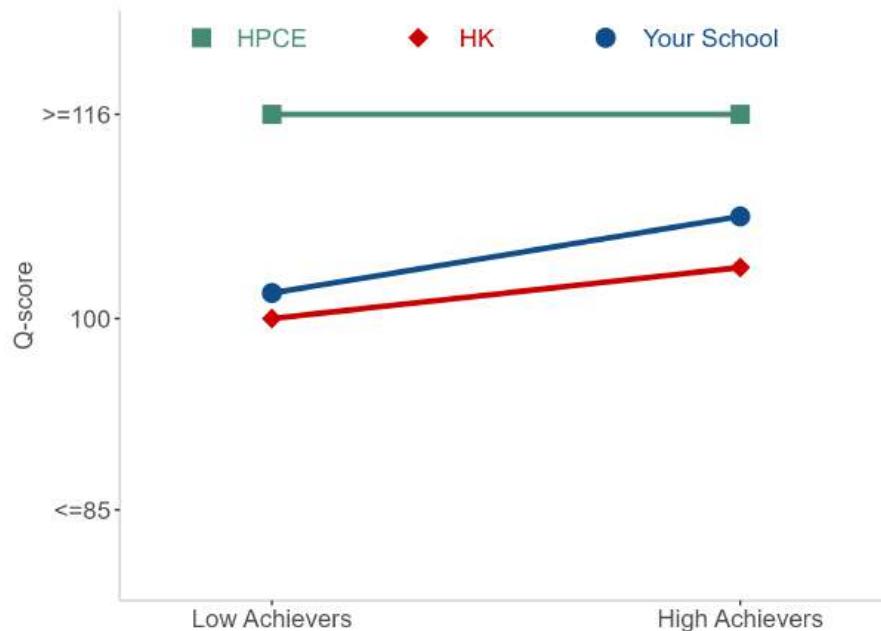
Options	Percentage
Often	23.53
Sometimes	60.78
Never or almost never	15.69

### Overall Performance

- Your school has Q-score 105 , P-score 63.1 .
- In HPCE, the median school Q-score is 121 , while the P-score is 85.7 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Word Games)

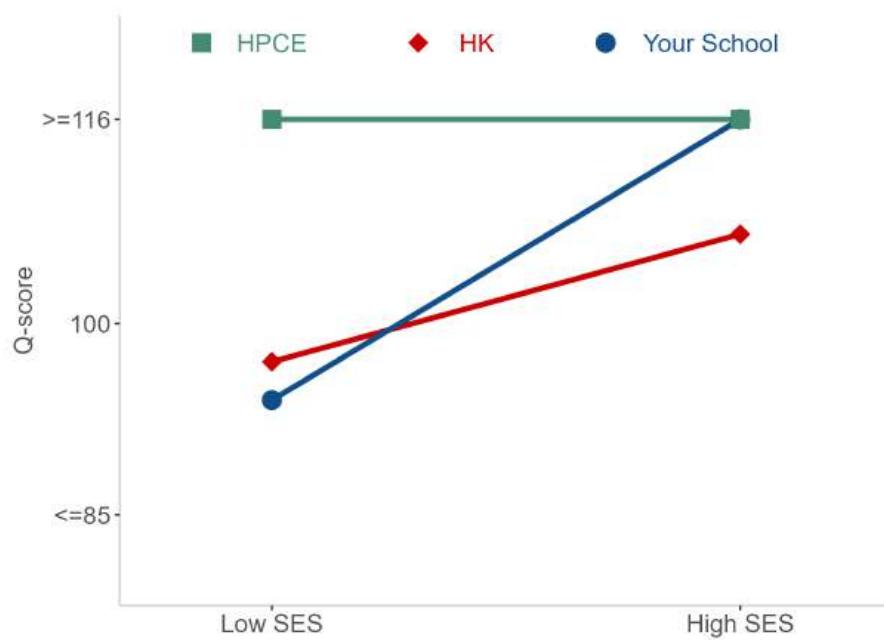
- In your school, high achievers (  $Q = 108$  ) SIMILAR TO low achievers (  $Q = 102$  ).
- In HK, high achievers (  $Q = 104$  ) SIMILAR TO low achievers (  $Q = 100$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 116$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	116	116
HK	100	104
Your School	102	108

## Difference between Low/High SES (Word Games)

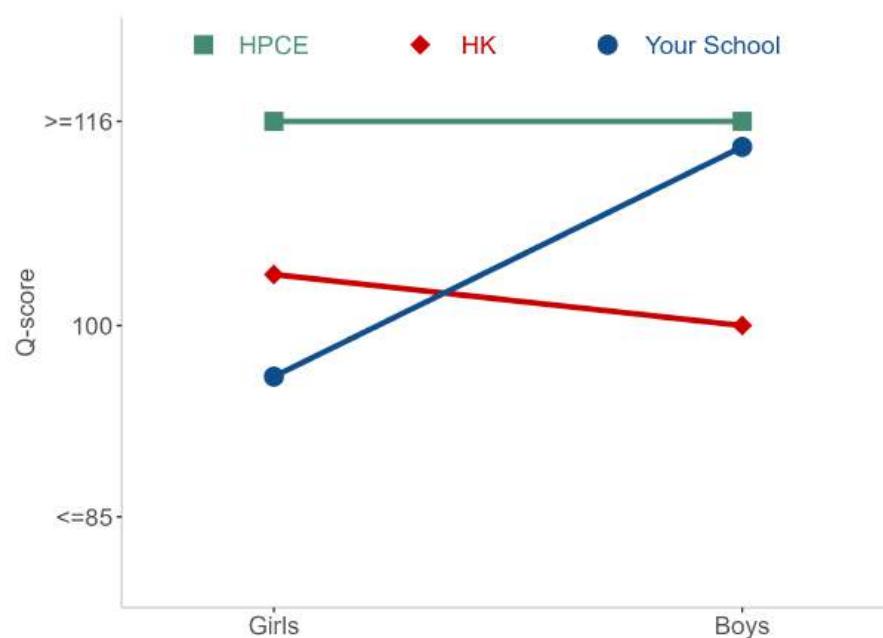
- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 94 ).
- In HK, high SES ( Q = 107 ) HIGHER THAN low SES ( Q = 97 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 116 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	116	116
HK	97	107
Your School	94	116

### Difference between Boys/Girls (Word Games)

- In your school, boys ( Q = 114 ) HIGHER THAN girls ( Q = 96 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 104 ).
- In HPCE, boys ( Q = 116 ) SIMILAR TO girls ( Q = 116 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	116	116
HK	104	100
Your School	96	114

## **Write Letters Words (Write Words)**

**Domains:** Parent

**Construct:** Early Literacy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students practiced writing letters or words before starting school. A higher Q-score/P-score indicates that students in your school had more frequent opportunities to engage in pre-writing activities before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Write letters or words*

### **Item Distribution of Your Students (%)**

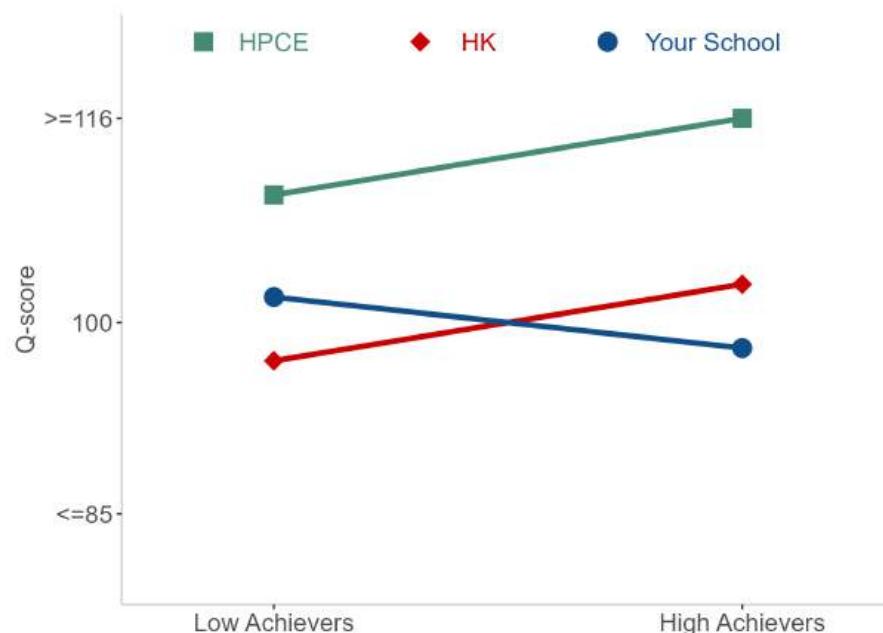
Options	Percentage
Often	25.49
Sometimes	64.71
Never or almost never	9.80

### **Overall Performance**

- Your school has Q-score 100 , P-score 50 .
- In HPCE, the median school Q-score is 113 , while the P-score is 80.7 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Write Words)

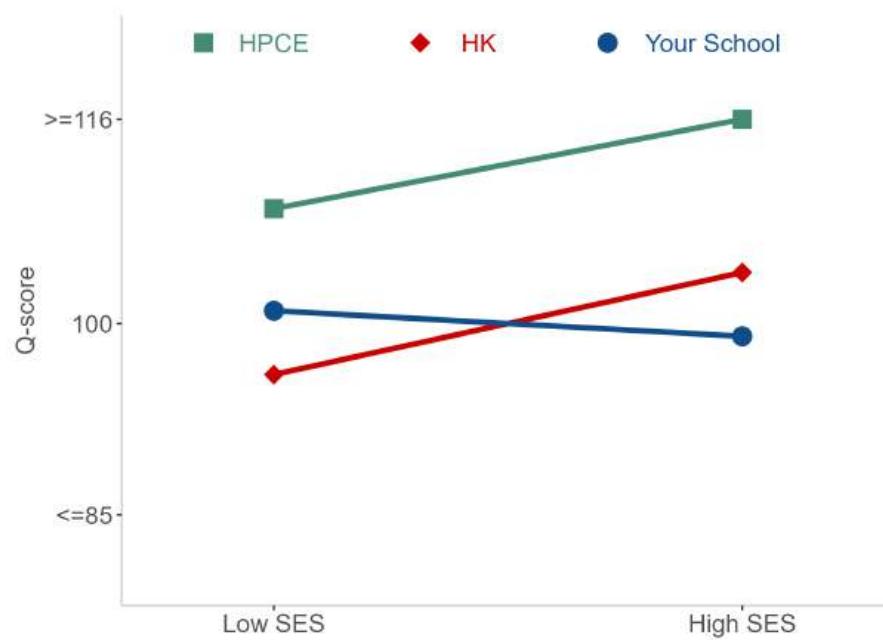
- In your school, high achievers ( Q = 98 ) SIMILAR TO low achievers ( Q = 102 ).
- In HK, high achievers ( Q = 103 ) SIMILAR TO low achievers ( Q = 97 ).
- In HPCE, high achievers ( Q = 116 ) SIMILAR TO low achievers ( Q = 110 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	110	116
HK	97	103
Your School	102	98

## Difference between Low/High SES (Write Words)

- In your school, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 101 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 109 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	109	116
HK	96	104
Your School	101	99

### Difference between Boys/Girls (Write Words)

- In your school, boys ( Q = 107 ) HIGHER THAN girls ( Q = 93 ).
- In HK, boys ( Q = 95 ) SIMILAR TO girls ( Q = 105 ).
- In HPCE, boys ( Q = 110 ) SIMILAR TO girls ( Q = 116 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	116	110
HK	105	95
Your School	93	107

## **Read Aloud Signs (Read Signs)**

**Domains:** Parent

**Construct:** Early Literacy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students were exposed to adults reading aloud signs and labels (e.g., street signs, food labels) before starting school. A higher Q-score/P-score indicates that students in your school had more frequent exposure to environmental print before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Read aloud signs and labels*

### **Item Distribution of Your Students (%)**

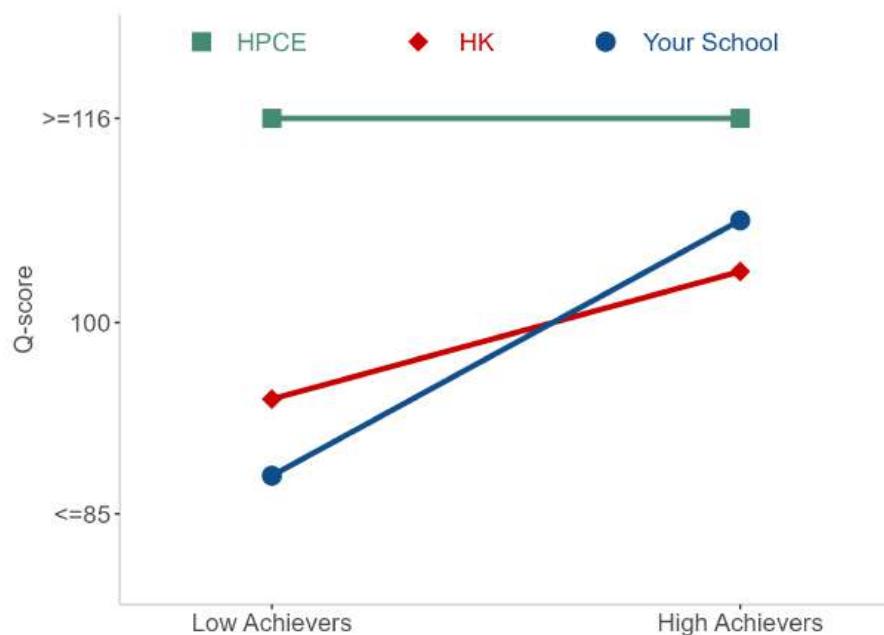
Options	Percentage
Often	25.00
Sometimes	59.62
Never or almost never	15.38

### **Overall Performance**

- Your school has Q-score 98 , P-score 44.7 .
- In HPCE, the median school Q-score is 121 , while the P-score is 85.7 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

## Difference between Low/High Achievers (Read Signs)

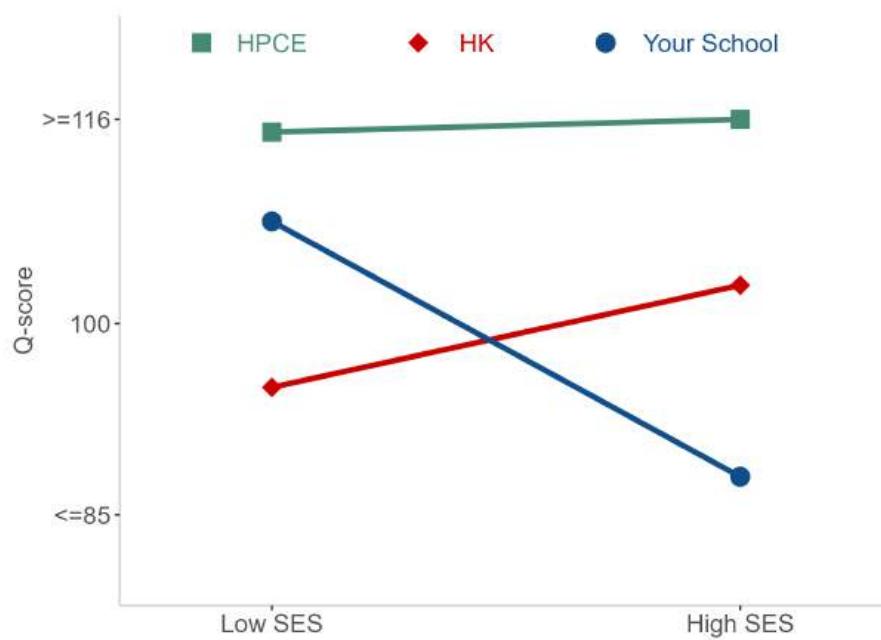
- In your school, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- In HK, high achievers (  $Q = 104$  ) SIMILAR TO low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 116$  ) SIMILAR TO low achievers (  $Q = 116$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	116	116
HK	94	104
Your School	88	108

## Difference between Low/High SES (Read Signs)

- In your school, high SES ( Q = 88 ) LOWER THAN low SES ( Q = 108 ).
- In HK, high SES ( Q = 103 ) SIMILAR TO low SES ( Q = 95 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 115 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Average, improve high SES students.



	Low SES	High SES
HPCE	115	116
HK	95	103
Your School	108	88

## Difference between Boys/Girls (Read Signs)

- In your school, boys ( Q = 97 ) SIMILAR TO girls ( Q = 99 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 116 ) SIMILAR TO girls ( Q = 116 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	116	116
HK	98	100
Your School	99	97

## **Early Numeracy Activities Before School (Early Numeracy Activities)**

**Domains:** Parent

**Construct:** Early Numeracy Activities Before School

**Type:** Scale

**Descriptions:** This scale assesses the level of early numeracy activities before school. A higher Q-score/P-score indicates that students in your school have more early numeracy activities before school compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

Say counting rhymes or sing counting songs

Play with number toys (e.g., blocks with numbers)

Count different things

Play games involving shapes (e.g., shape sorting toys, puzzles)

Play with building blocks or construction toys

Write numbers

Draw shapes

Measure or weigh things (e.g., when cooking)

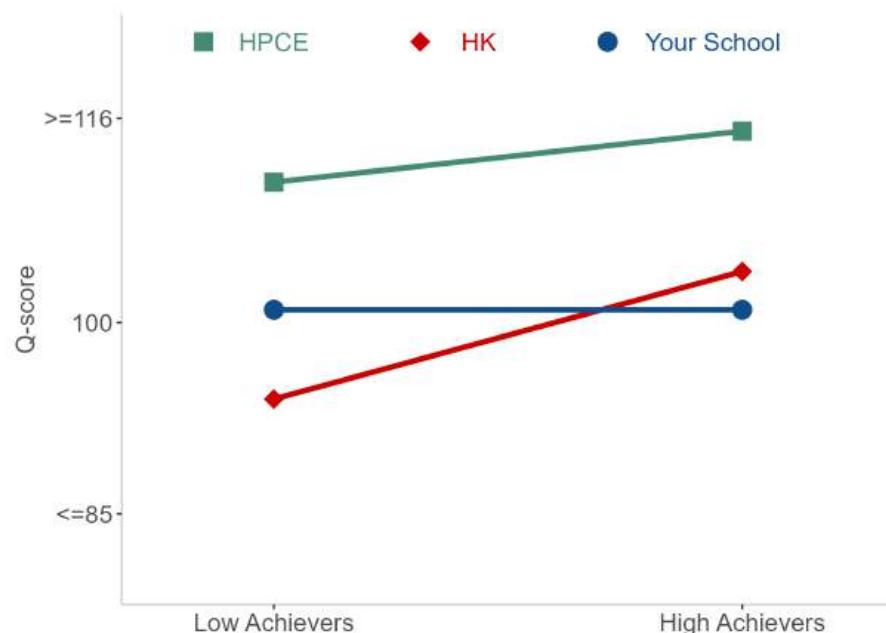
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 101 , P-score 52.7 .
- In HPCE, the median school Q-score is 113 , while the P-score is 80.7 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Early Numeracy Activities)

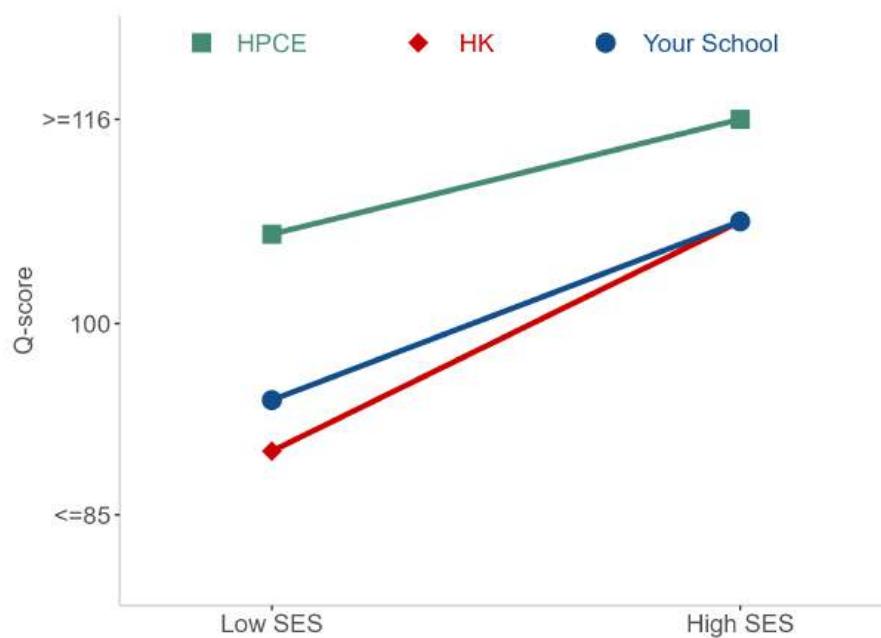
- In your school, high achievers ( Q = 101 ) SIMILAR TO low achievers ( Q = 101 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 115 ) HIGHER THAN low achievers ( Q = 111 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	111	115
HK	94	104
Your School	101	101

## Difference between Low/High SES (Early Numeracy Activities)

- In your school, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 94 ).
- In HK, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 90 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 107 ).
- Recommendation (cf. HK): Average, improve low SES students.
- Recommendation (cf. HPCE): Average, improve low SES students.



	Low SES	High SES
HPCE	107	116
HK	90	108
Your School	94	108

### Difference between Boys/Girls (Early Numeracy Activities)

- In your school, boys ( Q = 104 ) SIMILAR TO girls ( Q = 98 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 112 ) SIMILAR TO girls ( Q = 114 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	114	112
HK	102	96
Your School	98	104

## Counting Songs (Counting Songs)

**Domains:** Parent

**Construct:** Early Numeracy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students engage in counting rhymes or songs before starting school. A higher Q-score/P-score indicates that students in your school had more exposure to counting rhymes and songs before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Say counting rhymes or sing counting songs*

### Item Distribution of Your Students (%)

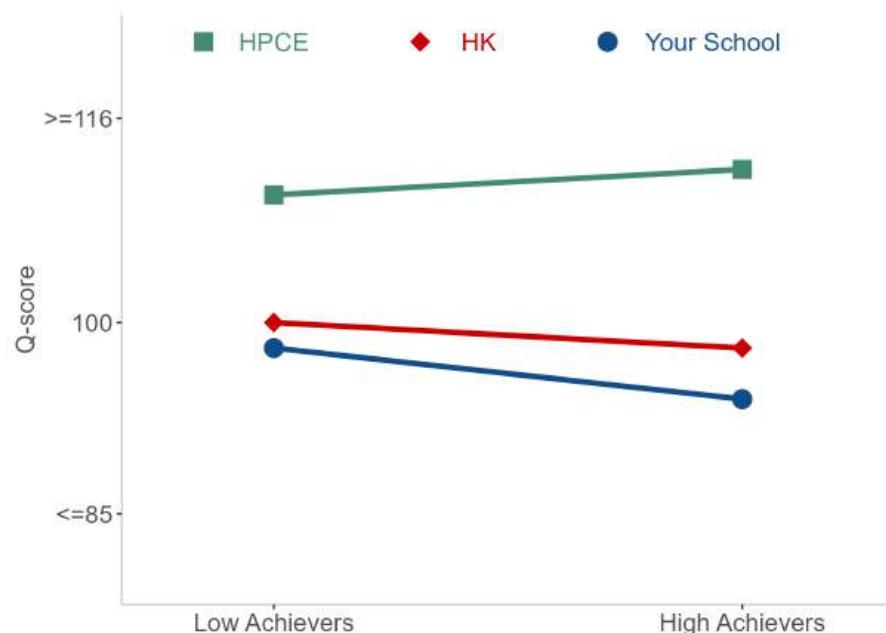
Options	Percentage
Often	26.92
Sometimes	59.62
Never or almost never	13.46

### Overall Performance

- Your school has Q-score 96 , P-score 39.5 .
- In HPCE, the median school Q-score is 111 , while the P-score is 76.8 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Slightly weak, IMPROVE SUBSTANTIALLY.

### Difference between Low/High Achievers (Counting Songs)

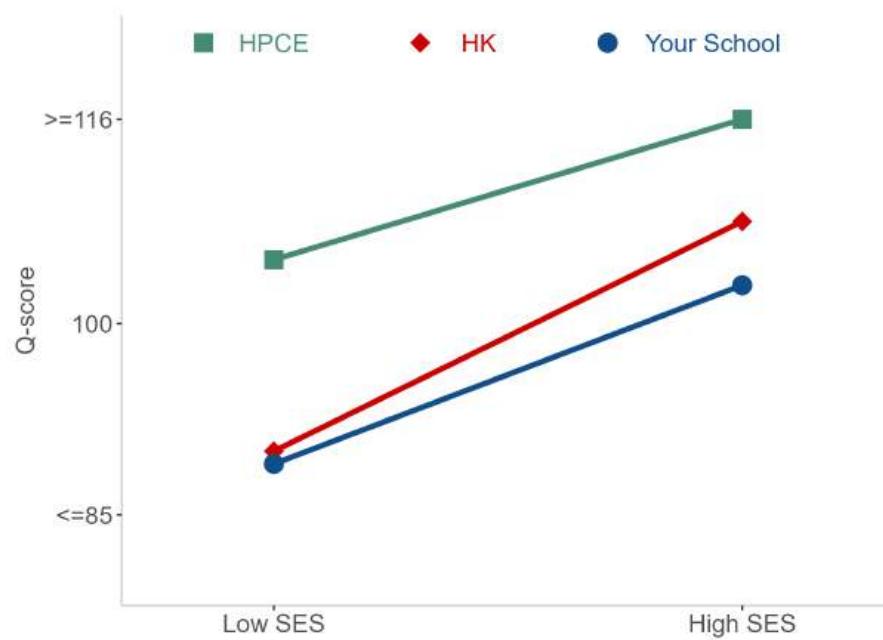
- In your school, high achievers ( Q = 94 ) SIMILAR TO low achievers ( Q = 98 ).
- In HK, high achievers ( Q = 98 ) SIMILAR TO low achievers ( Q = 100 ).
- In HPCE, high achievers ( Q = 112 ) SIMILAR TO low achievers ( Q = 110 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	110	112
HK	100	98
Your School	98	94

## Difference between Low/High SES (Counting Songs)

- In your school, high SES ( Q = 103 ) HIGHER THAN low SES ( Q = 89 ).
- In HK, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 90 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 105 ).
- Recommendation (cf. HK): Average, improve low SES students.
- Recommendation (cf. HPCE): Average, improve low SES students.



	Low SES	High SES
HPCE	105	116
HK	90	108
Your School	89	103

### Difference between Boys/Girls (Counting Songs)

- In your school, boys ( Q = 90 ) LOWER THAN girls ( Q = 102 ).
- In HK, boys ( Q = 97 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 109 ) SIMILAR TO girls ( Q = 113 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	113	109
HK	101	97
Your School	102	90

## Number Toys (Number Toys)

**Domains:** Parent

**Construct:** Early Numeracy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students play with number toys (e.g., blocks with numbers) before starting school. A higher Q-score/P-score indicates that students in your school had more exposure to number toys before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Play with number toys (e.g., blocks with numbers)*

### Item Distribution of Your Students (%)

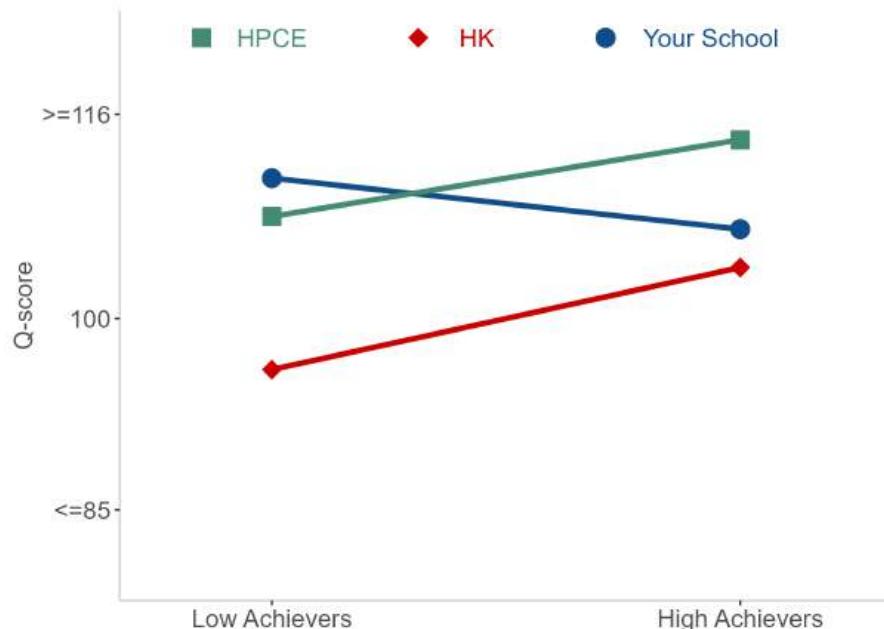
Options	Percentage
Often	34.62
Sometimes	59.62
Never or almost never	5.77

### Overall Performance

- Your school has Q-score 109 , P-score 72.6 .
- In HPCE, the median school Q-score is 111 , while the P-score is 76.8 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Number Toys)

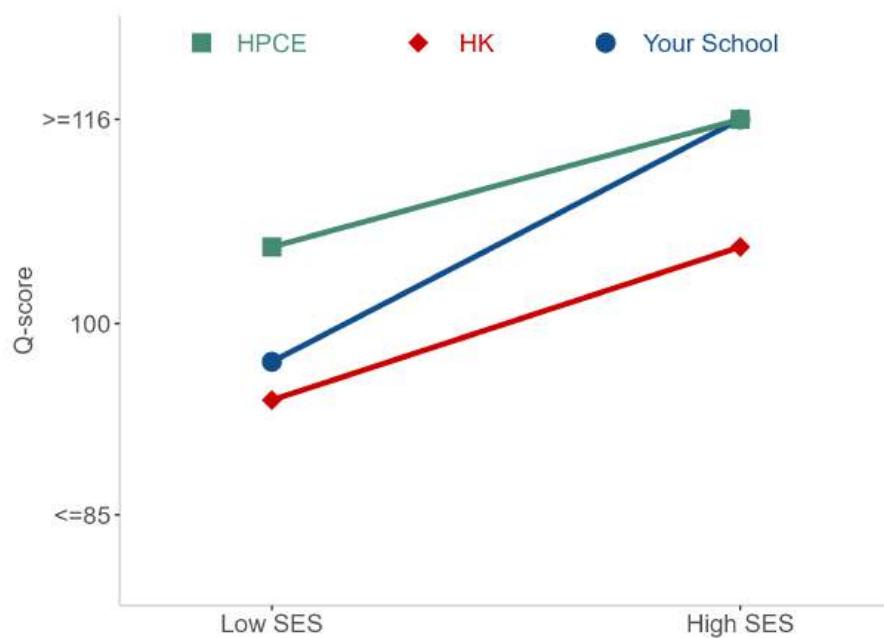
- In your school, high achievers ( Q = 107 ) SIMILAR TO low achievers ( Q = 111 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 96 ).
- In HPCE, high achievers ( Q = 114 ) SIMILAR TO low achievers ( Q = 108 ).
- Recommendation (cf. HK): Good, improve high achievers.
- Recommendation (cf. HPCE): Good, improve high achievers.



	Low Achievers	High Achievers
HPCE	108	114
HK	96	104
Your School	111	107

### Difference between Low/High SES (Number Toys)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 97 ).
- In HK, high SES ( Q = 106 ) HIGHER THAN low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 106 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	106	116
HK	94	106
Your School	97	116

### Difference between Boys/Girls (Number Toys)

- In your school, boys ( Q = 114 ) HIGHER THAN girls ( Q = 104 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 112 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Average, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	110	112
HK	100	100
Your School	104	114

## Count Things (Count Things)

**Domains:** Parent

**Construct:** Early Numeracy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students count different things before starting school. A higher Q-score/P-score indicates that students in your school had more opportunities to practice counting various objects before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Count different things*

### Item Distribution of Your Students (%)

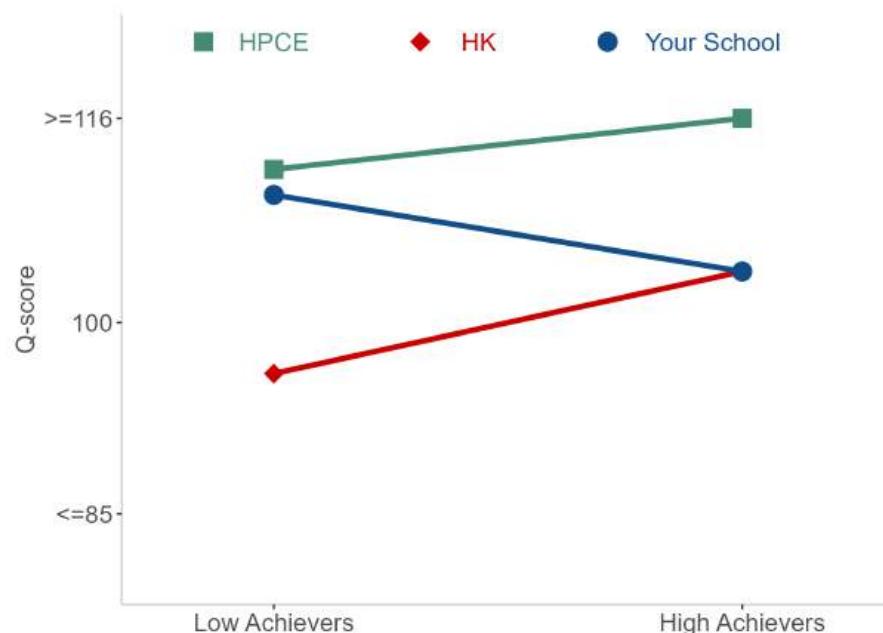
Options	Percentage
Often	48.08
Sometimes	46.15
Never or almost never	5.77

### Overall Performance

- Your school has Q-score 107 , P-score 68 .
- In HPCE, the median school Q-score is 115 , while the P-score is 84.1 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Count Things)

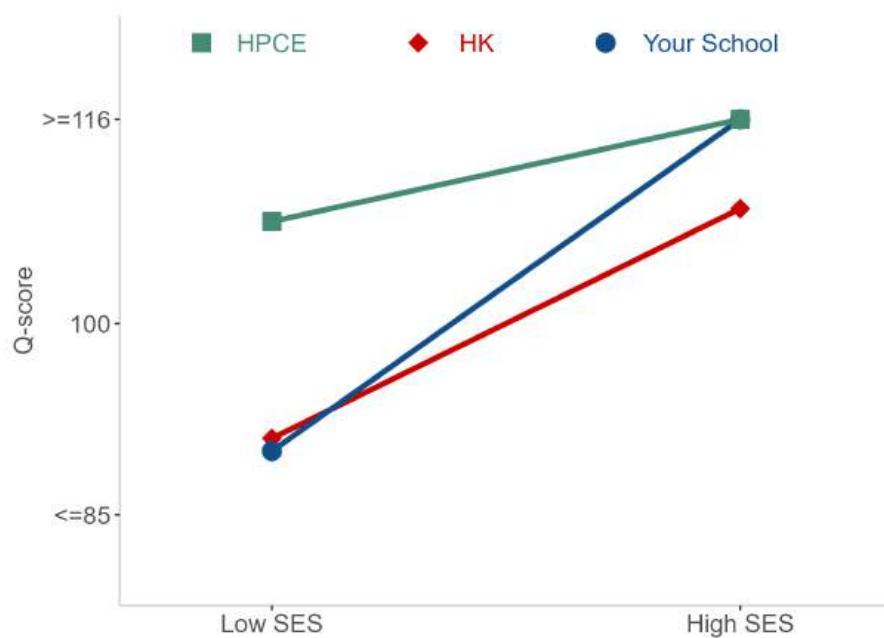
- In your school, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 110 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 96 ).
- In HPCE, high achievers ( Q = 116 ) SIMILAR TO low achievers ( Q = 112 ).
- Recommendation (cf. HK): Good, improve high achievers.
- Recommendation (cf. HPCE): Good, improve high achievers.



	Low Achievers	High Achievers
HPCE	112	116
HK	96	104
Your School	110	104

## Difference between Low/High SES (Count Things)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 90 ).
- In HK, high SES ( Q = 109 ) HIGHER THAN low SES ( Q = 91 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 108 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	108	116
HK	91	109
Your School	90	116

### Difference between Boys/Girls (Count Things)

- In your school, boys ( Q = 102 ) SIMILAR TO girls ( Q = 112 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 115 ) SIMILAR TO girls ( Q = 115 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	115	115
HK	100	100
Your School	112	102

## Game With Shapes (Shapes Games)

**Domains:** Parent

**Construct:** Early Numeracy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students play games involving shapes (e.g., shape sorting toys, puzzles) before starting school. A higher Q-score/P-score indicates that students in your school had more exposure to shape-related games before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Play games involving shapes (e.g., shape sorting toys, puzzles)*

### Item Distribution of Your Students (%)

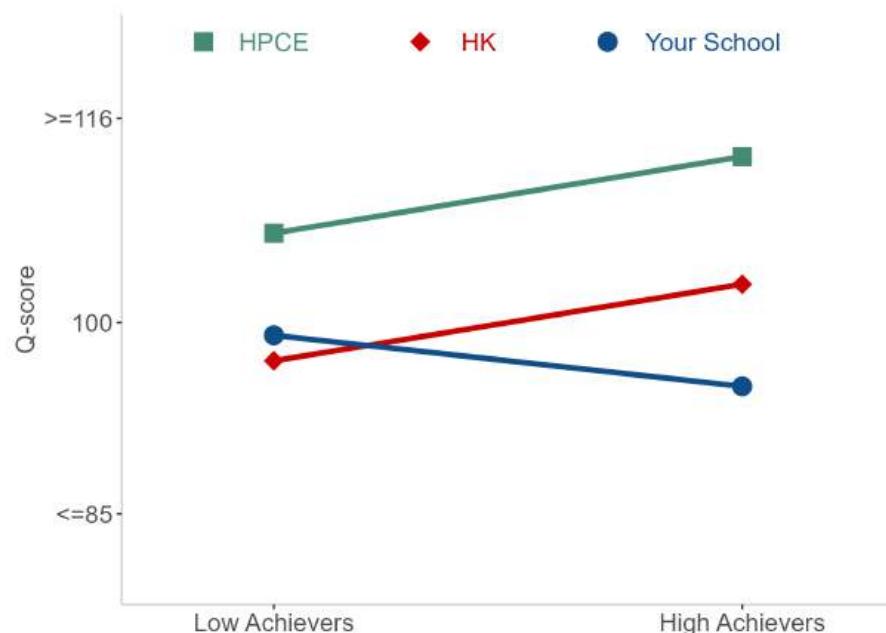
Options	Percentage
Often	38.46
Sometimes	59.62
Never or almost never	1.92

### Overall Performance

- Your school has Q-score 97 , P-score 42.1 .
- In HPCE, the median school Q-score is 110 , while the P-score is 74.8 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Shapes Games)

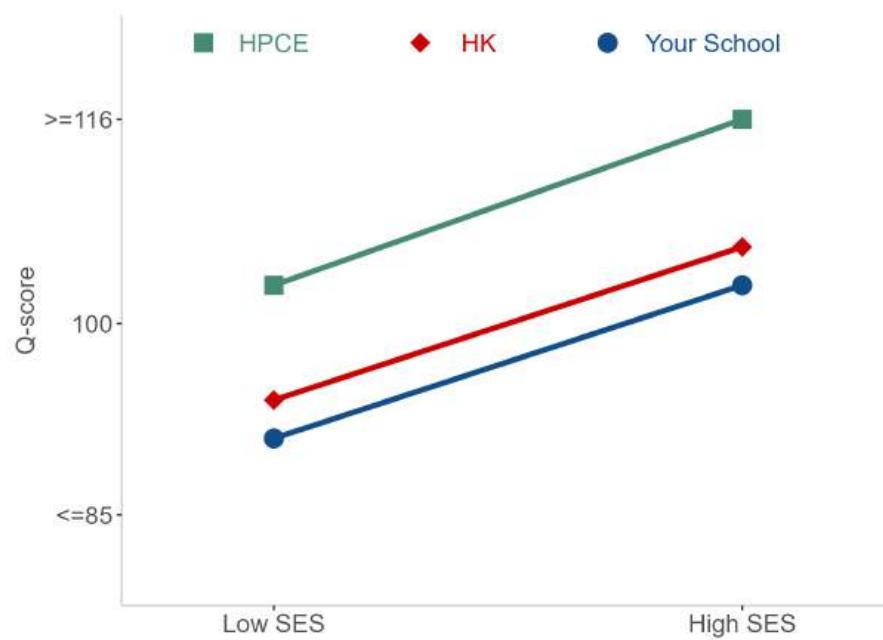
- In your school, high achievers ( Q = 95 ) SIMILAR TO low achievers ( Q = 99 ).
- In HK, high achievers ( Q = 103 ) SIMILAR TO low achievers ( Q = 97 ).
- In HPCE, high achievers ( Q = 113 ) SIMILAR TO low achievers ( Q = 107 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	107	113
HK	97	103
Your School	99	95

## Difference between Low/High SES (Shapes Games)

- In your school, high SES ( Q = 103 ) HIGHER THAN low SES ( Q = 91 ).
- In HK, high SES ( Q = 106 ) HIGHER THAN low SES ( Q = 94 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 103 ).
- Recommendation (cf. HK): Average, improve low SES students.
- Recommendation (cf. HPCE): Average, improve low SES students.



	Low SES	High SES
HPCE	103	116
HK	94	106
Your School	91	103

### Difference between Boys/Girls (Shapes Games)

- In your school, boys ( Q = 104 ) HIGHER THAN girls ( Q = 90 ).
- In HK, boys ( Q = 102 ) SIMILAR TO girls ( Q = 98 ).
- In HPCE, boys ( Q = 110 ) SIMILAR TO girls ( Q = 110 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Slightly weak, improve girls.



	Girls	Boys
HPCE	110	110
HK	98	102
Your School	90	104

## **Building Blocks (Building Blocks)**

**Domains:** Parent

**Construct:** Early Numeracy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students play with building blocks or construction toys before starting school. A higher Q-score/P-score indicates that students in your school had more opportunities to engage in constructive play with blocks before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Play with building blocks or construction toys*

### **Item Distribution of Your Students (%)**

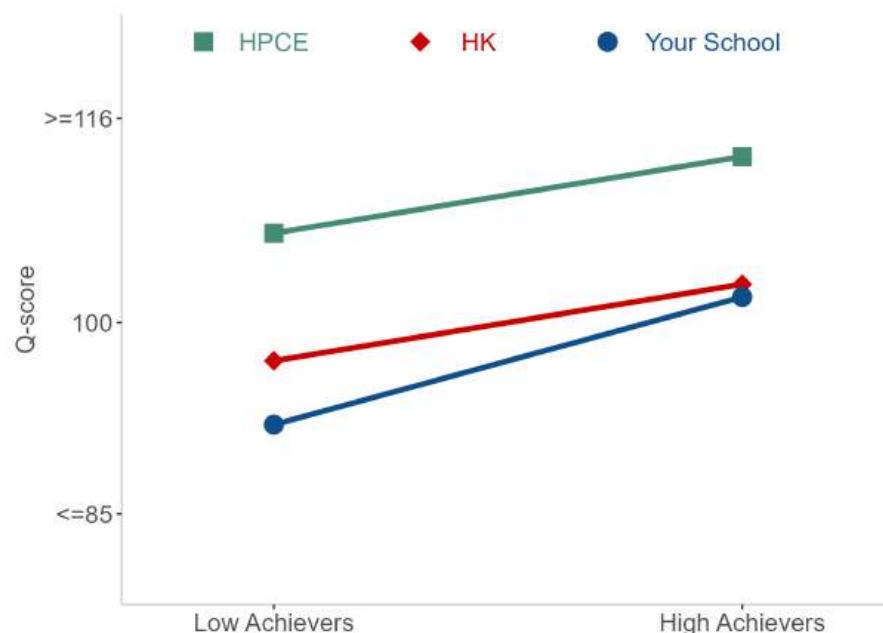
Options	Percentage
Often	42.31
Sometimes	53.85
Never or almost never	3.85

### **Overall Performance**

- Your school has Q-score 97 , P-score 42.1 .
- In HPCE, the median school Q-score is 110 , while the P-score is 74.8 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Building Blocks)

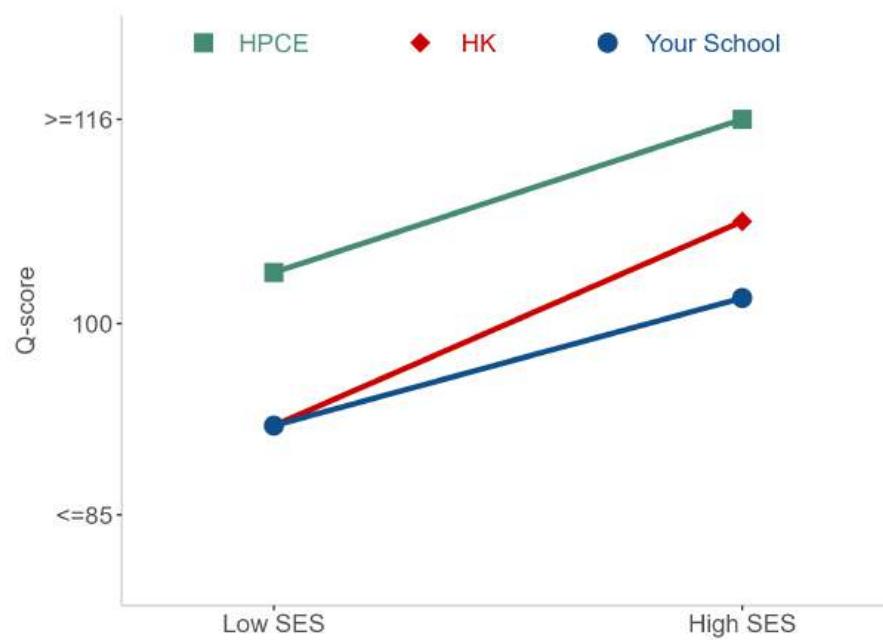
- In your school, high achievers ( Q = 102 ) HIGHER THAN low achievers ( Q = 92 ).
- In HK, high achievers ( Q = 103 ) SIMILAR TO low achievers ( Q = 97 ).
- In HPCE, high achievers ( Q = 113 ) SIMILAR TO low achievers ( Q = 107 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	107	113
HK	97	103
Your School	92	102

## Difference between Low/High SES (Building Blocks)

- In your school, high SES ( Q = 102 ) HIGHER THAN low SES ( Q = 92 ).
- In HK, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 92 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 104 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	104	116
HK	92	108
Your School	92	102

### Difference between Boys/Girls (Building Blocks)

- In your school, boys ( Q = 102 ) HIGHER THAN girls ( Q = 92 ).
- In HK, boys ( Q = 103 ) HIGHER THAN girls ( Q = 97 ).
- In HPCE, boys ( Q = 116 ) HIGHER THAN girls ( Q = 104 ).
- Recommendation (cf. HK): Good, improve girls.
- Recommendation (cf. HPCE): Good, improve girls.



	Girls	Boys
HPCE	104	116
HK	97	103
Your School	92	102

## Write Numbers (Write Numbers)

**Domains:** Parent

**Construct:** Early Numeracy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students practice writing numbers before starting school. A higher Q-score/P-score indicates that students in your school had more opportunities to practice writing numbers before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Write numbers*

### Item Distribution of Your Students (%)

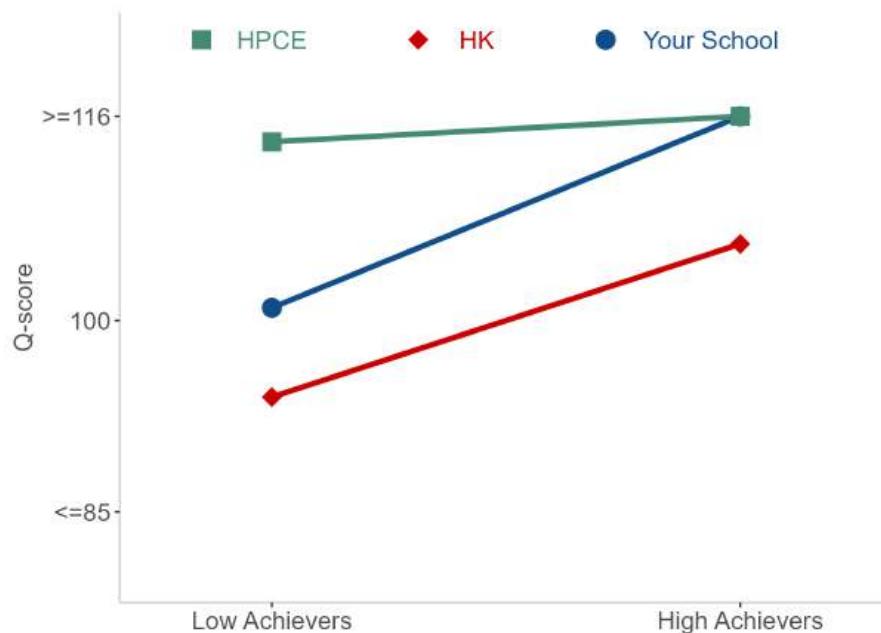
Options	Percentage
Often	36.54
Sometimes	61.54
Never or almost never	1.92

### Overall Performance

- Your school has Q-score 109 , P-score 72.6 .
- In HPCE, the median school Q-score is 115 , while the P-score is 84.1 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Write Numbers)

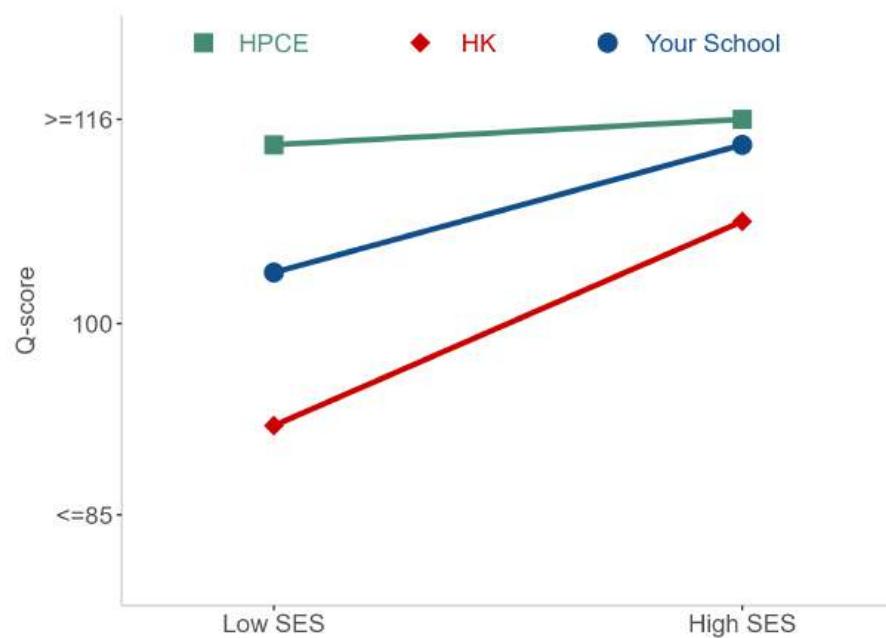
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 101$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 116$  ) SIMILAR TO low achievers (  $Q = 114$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	114	116
HK	94	106
Your School	101	116

### Difference between Low/High SES (Write Numbers)

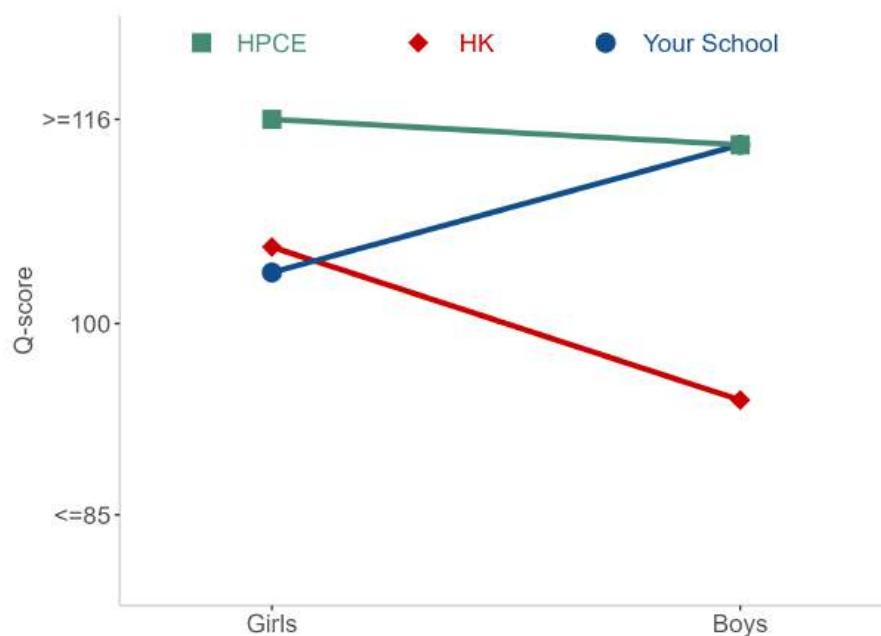
- In your school, high SES ( Q = 114 ) SIMILAR TO low SES ( Q = 104 ).
- In HK, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 92 ).
- In HPCE, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 114 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	114	116
HK	92	108
Your School	104	114

### Difference between Boys/Girls (Write Numbers)

- In your school, boys ( Q = 114 ) SIMILAR TO girls ( Q = 104 ).
- In HK, boys ( Q = 94 ) SIMILAR TO girls ( Q = 106 ).
- In HPCE, boys ( Q = 114 ) SIMILAR TO girls ( Q = 116 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	116	114
HK	106	94
Your School	104	114

## **Draw Shapes (Draw Shapes)**

**Domains:** Parent

**Construct:** Early Numeracy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students practice drawing shapes before starting school. A higher Q-score/P-score indicates that students in your school had more opportunities to practice drawing shapes before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Draw shapes*

### **Item Distribution of Your Students (%)**

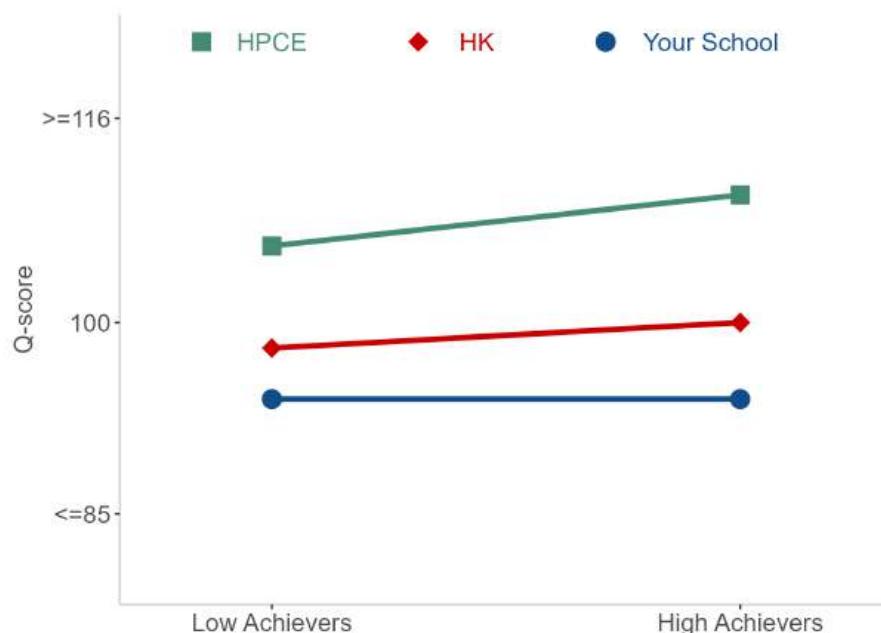
Options	Percentage
Often	32.69
Sometimes	61.54
Never or almost never	5.77

### **Overall Performance**

- Your school has Q-score 94 , P-score 34.5 .
- In HPCE, the median school Q-score is 108 , while the P-score is 70.3 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

### Difference between Low/High Achievers (Draw Shapes)

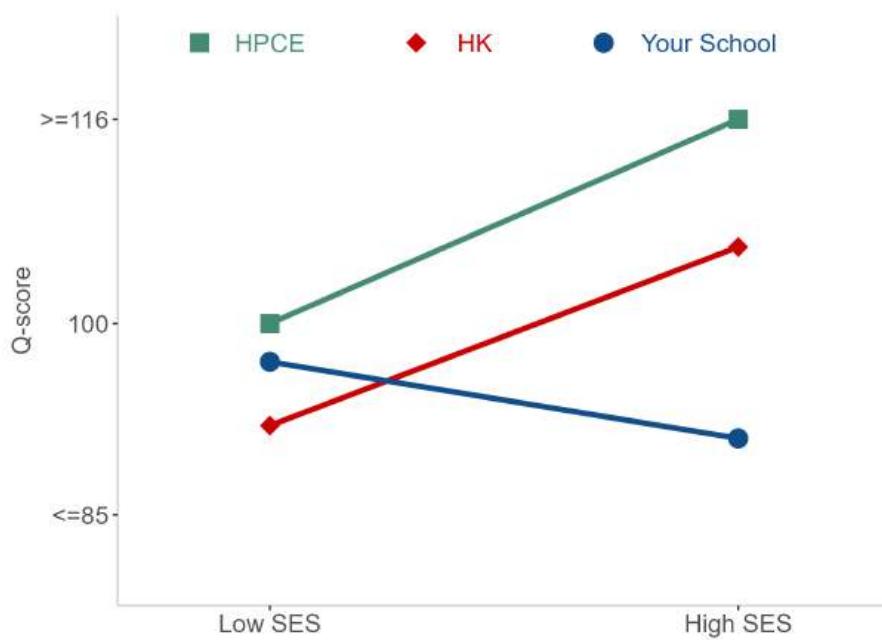
- In your school, high achievers ( Q = 94 ) SIMILAR TO low achievers ( Q = 94 ).
- In HK, high achievers ( Q = 100 ) SIMILAR TO low achievers ( Q = 98 ).
- In HPCE, high achievers ( Q = 110 ) SIMILAR TO low achievers ( Q = 106 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	106	110
HK	98	100
Your School	94	94

### Difference between Low/High SES (Draw Shapes)

- In your school, high SES ( Q = 91 ) SIMILAR TO low SES ( Q = 97 ).
- In HK, high SES ( Q = 106 ) HIGHER THAN low SES ( Q = 92 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 100 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	100	116
HK	92	106
Your School	97	91

### Difference between Boys/Girls (Draw Shapes)

- In your school, boys ( Q = 98 ) SIMILAR TO girls ( Q = 90 ).
- In HK, boys ( Q = 90 ) LOWER THAN girls ( Q = 108 ).
- In HPCE, boys ( Q = 100 ) LOWER THAN girls ( Q = 116 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	116	100
HK	108	90
Your School	90	98

## **Measure Or Weigh (Measure/Weigh)**

**Domains:** Parent

**Construct:** Early Numeracy Activities Before School

**Type:** Item

**Descriptions:** This item measures the frequency with which students engage in measuring or weighing activities (e.g., when cooking) before starting school. A higher Q-score/P-score indicates that students in your school had more exposure to measurement activities before starting school compared to students in other schools in Hong Kong.

**Content:**

*Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him/her?*

*Measure or weigh things (e.g., when cooking)*

### **Item Distribution of Your Students (%)**

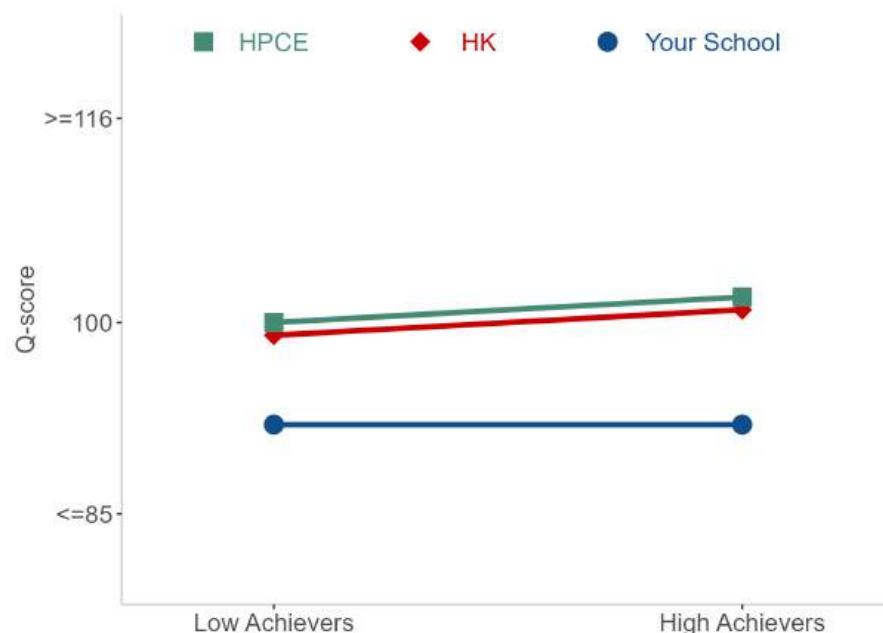
Options	Percentage
Often	11.54
Sometimes	42.31
Never or almost never	46.15

### **Overall Performance**

- Your school has Q-score 92 , P-score 29.7 .
- In HPCE, the median school Q-score is 101 , while the P-score is 52.7 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High Achievers (Measure/Weigh)

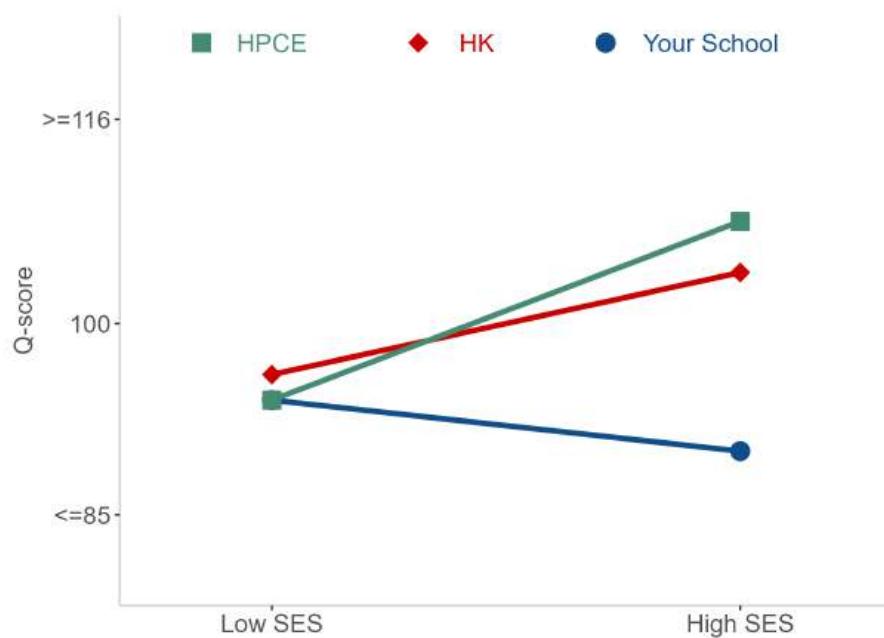
- In your school, high achievers ( Q = 92 ) SIMILAR TO low achievers ( Q = 92 ).
- In HK, high achievers ( Q = 101 ) SIMILAR TO low achievers ( Q = 99 ).
- In HPCE, high achievers ( Q = 102 ) SIMILAR TO low achievers ( Q = 100 ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	100	102
HK	99	101
Your School	92	92

### Difference between Low/High SES (Measure/Weigh)

- In your school, high SES ( Q = 90 ) SIMILAR TO low SES ( Q = 94 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 94 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	94	108
HK	96	104
Your School	94	90

### Difference between Boys/Girls (Measure/Weigh)

- In your school, boys ( Q = 85 ) LOWER THAN girls ( Q = 100 ).
- In HK, boys ( Q = 95 ) SIMILAR TO girls ( Q = 105 ).
- In HPCE, boys ( Q = 100 ) SIMILAR TO girls ( Q = 102 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	102	100
HK	105	95
Your School	100	85

## **Early Literacy and Numeracy Tasks Beginning School (Early Literacy/Numeracy Tasks)**

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Scale

**Descriptions:** This scale assesses the level of early literacy and numeracy tasks beginning school. A higher Q-score/P-score indicates that students in your school have more early literacy and numeracy tasks beginning school compared to students in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

Recognize the letters of the alphabet

Read some words

Read sentences

Read a story

Write letters of the alphabet

Write words other than his/her name

Count by himself/herself

Recognize written numbers

Write numbers

Do simple addition

Do simple subtraction

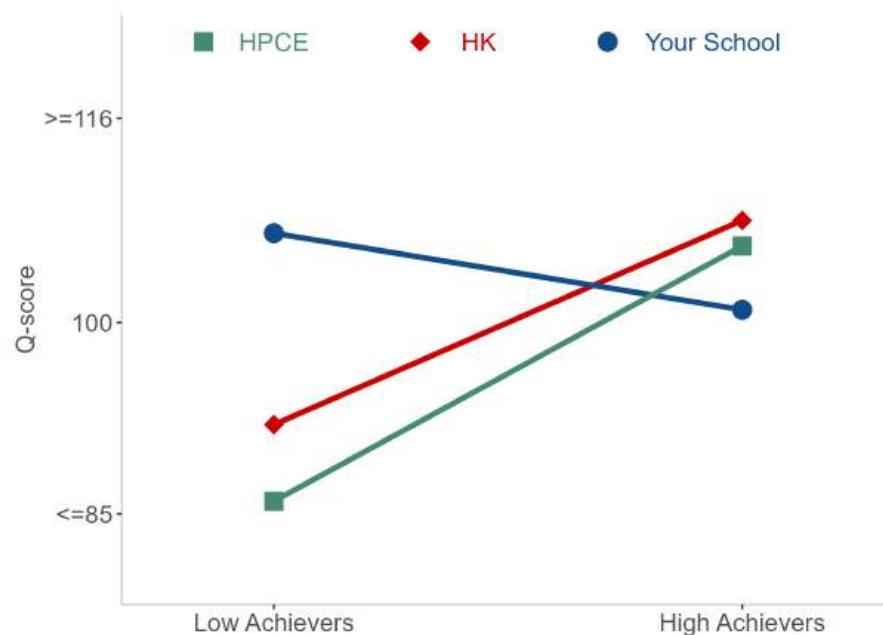
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 104 , P-score 60.5 .
- In HPCE, the median school Q-score is 96 , while the P-score is 39.5 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Early Literacy/Numeracy Tasks)

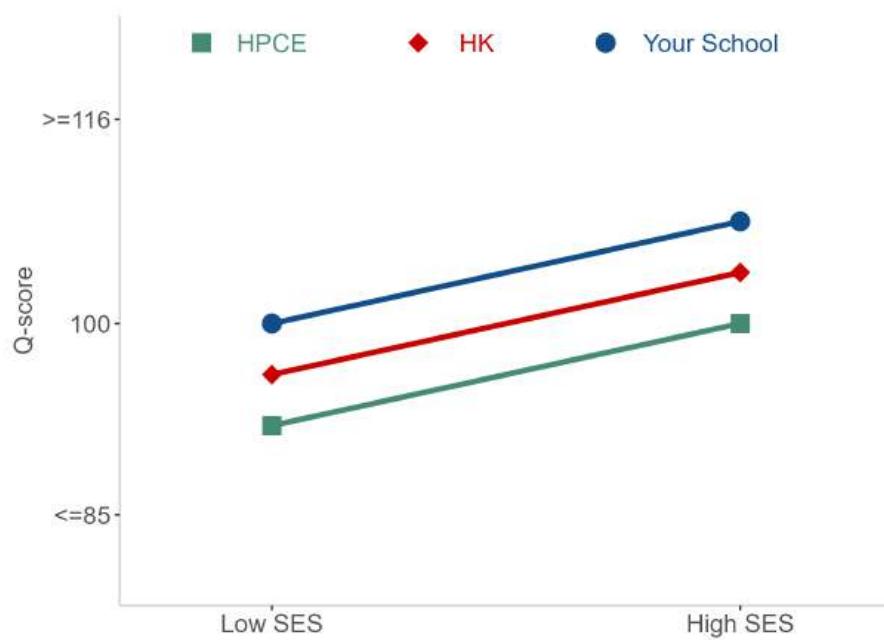
- In your school, high achievers (  $Q = 101$  ) LOWER THAN low achievers (  $Q = 107$  ).
- In HK, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- Recommendation (cf. HK): Good, improve high achievers.
- Recommendation (cf. HPCE): Good, improve high achievers.



	Low Achievers	High Achievers
HPCE	86	106
HK	92	108
Your School	107	101

### Difference between Low/High SES (Early Literacy/Numeracy Tasks)

- In your school, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 100 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 100 ) HIGHER THAN low SES ( Q = 92 ).
- Recommendation (cf. HK): Average, improve low SES students.
- Recommendation (cf. HPCE): Average, improve low SES students.



	Low SES	High SES
HPCE	92	100
HK	96	104
Your School	100	108

### Difference between Boys/Girls (Early Literacy/Numeracy Tasks)

- In your school, boys ( Q = 101 ) LOWER THAN girls ( Q = 107 ).
- In HK, boys ( Q = 98 ) LOWER THAN girls ( Q = 102 ).
- In HPCE, boys ( Q = 93 ) LOWER THAN girls ( Q = 99 ).
- Recommendation (cf. HK): Good, improve boys.
- Recommendation (cf. HPCE): Good, improve boys.



	Girls	Boys
HPCE	99	93
HK	102	98
Your School	107	101

## Recognize Letters (Recognize Letters)

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to recognize letters at the start of primary school. A higher Q-score/P-score indicates that students in your school had stronger letter recognition skills compared to students in other schools in Hong Kong.

**Content:**

*How well could your child do the following when he/she began the first grade of primary/elementary school?  
Recognize the letters of the alphabet*

### Item Distribution of Your Students (%)

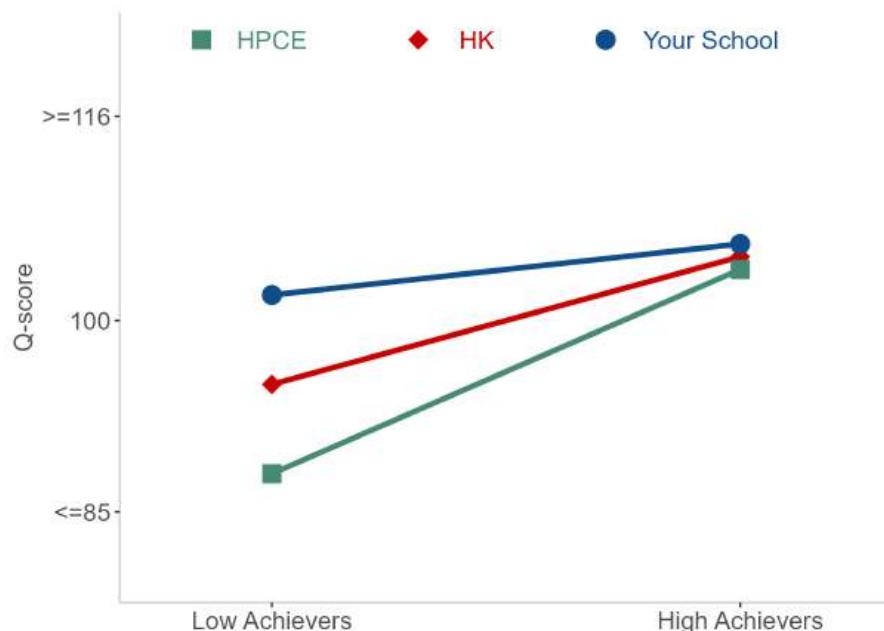
Options	Percentage
Very well	61.54
Moderately well	34.62
Not very well	3.85
Not at all	

### Overall Performance

- Your school has Q-score 104 , P-score 60.5 .
- In HPCE, the median school Q-score is 96 , while the P-score is 39.5 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Recognize Letters)

- In your school, high achievers (  $Q = 106$  ) SIMILAR TO low achievers (  $Q = 102$  ).
- In HK, high achievers (  $Q = 105$  ) HIGHER THAN low achievers (  $Q = 95$  ).
- In HPCE, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 88$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	88	104
HK	95	105
Your School	102	106

## Difference between Low/High SES (Recognize Letters)

- In your school, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 100 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 99 ) SIMILAR TO low SES ( Q = 93 ).
- Recommendation (cf. HK): Average, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	93	99
HK	96	104
Your School	100	108

### Difference between Boys/Girls (Recognize Letters)

- In your school, boys ( Q = 104 ) SIMILAR TO girls ( Q = 104 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 93 ) LOWER THAN girls ( Q = 99 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	99	93
HK	102	98
Your School	104	104

## **Read Some Words (Read Words)**

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to read simple words when they began primary school. A higher Q-score/P-score indicates that students in your school had stronger early reading skills compared to students in other schools in Hong Kong.

**Content:**

*How well could your child do the following when he/she began the first grade of primary/elementary school?*  
*Read some words*

### **Item Distribution of Your Students (%)**

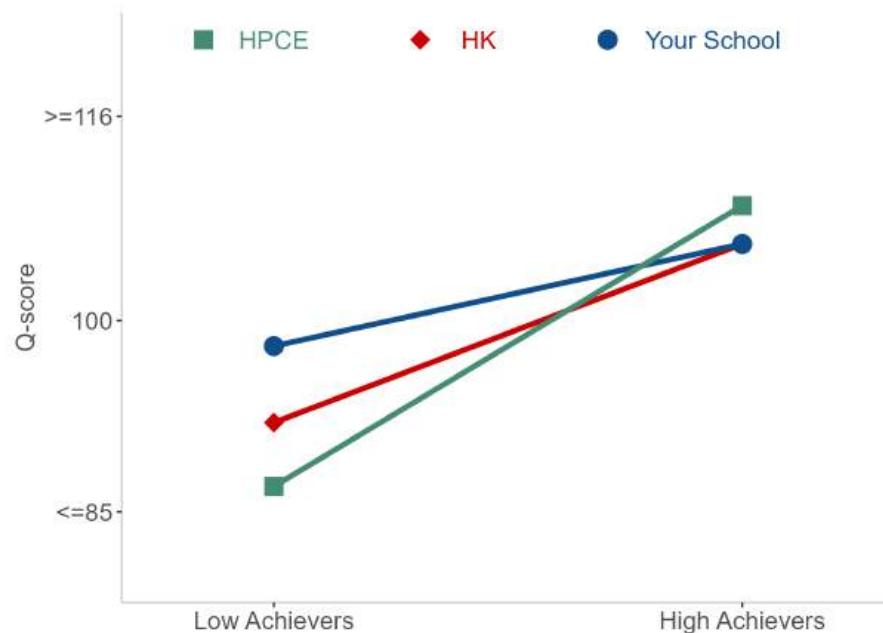
Options	Percentage
Very well	38.46
Moderately well	55.77
Not very well	5.77
Not at all	

### **Overall Performance**

- Your school has Q-score 102 , P-score 55.3 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Read Words)

- In your school, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 98$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 109$  ) HIGHER THAN low achievers (  $Q = 87$  ).
- Recommendation (cf. HK): Average, improve the whole school.
- Recommendation (cf. HPCE): Average, improve the whole school.



	Low Achievers	High Achievers
HPCE	87	109
HK	92	106
Your School	98	106

### Difference between Low/High SES (Read Words)

- In your school, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 96 ).
- In HK, high SES ( Q = 103 ) HIGHER THAN low SES ( Q = 95 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	96	100
HK	95	103
Your School	96	108

### Difference between Boys/Girls (Read Words)

- In your school, boys ( Q = 107 ) HIGHER THAN girls ( Q = 97 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 94 ) LOWER THAN girls ( Q = 102 ).
- Recommendation (cf. HK): Slightly weak, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	102	94
HK	100	98
Your School	97	107

## **Read Sentences (Read Sentences)**

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to count to 20 or beyond at the beginning of primary school. A higher Q-score/P-score indicates that students in your school had stronger early numeracy skills compared to students in other schools in Hong Kong.

**Content:**

*How well could your child do the following when he/she began the first grade of primary/elementary school?  
Read sentences*

### **Item Distribution of Your Students (%)**

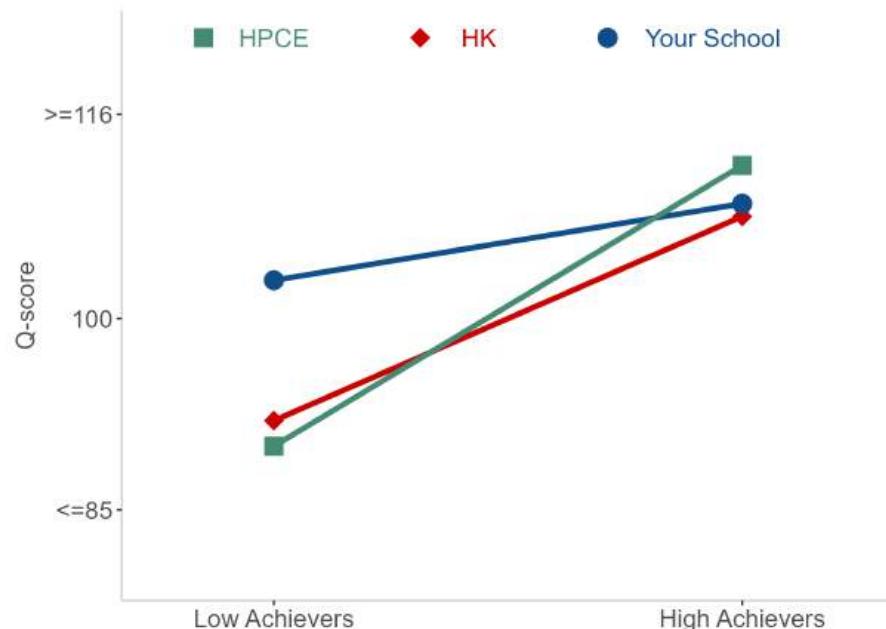
Options	Percentage
Very well	38.46
Moderately well	36.54
Not very well	25.00
Not at all	

### **Overall Performance**

- Your school has Q-score 106 , P-score 65.5 .
- In HPCE, the median school Q-score is 101 , while the P-score is 52.7 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Read Sentences)

- In your school, high achievers ( Q = 109 ) SIMILAR TO low achievers ( Q = 103 ).
- In HK, high achievers ( Q = 108 ) HIGHER THAN low achievers ( Q = 92 ).
- In HPCE, high achievers ( Q = 112 ) HIGHER THAN low achievers ( Q = 90 ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	90	112
HK	92	108
Your School	103	109

## Difference between Low/High SES (Read Sentences)

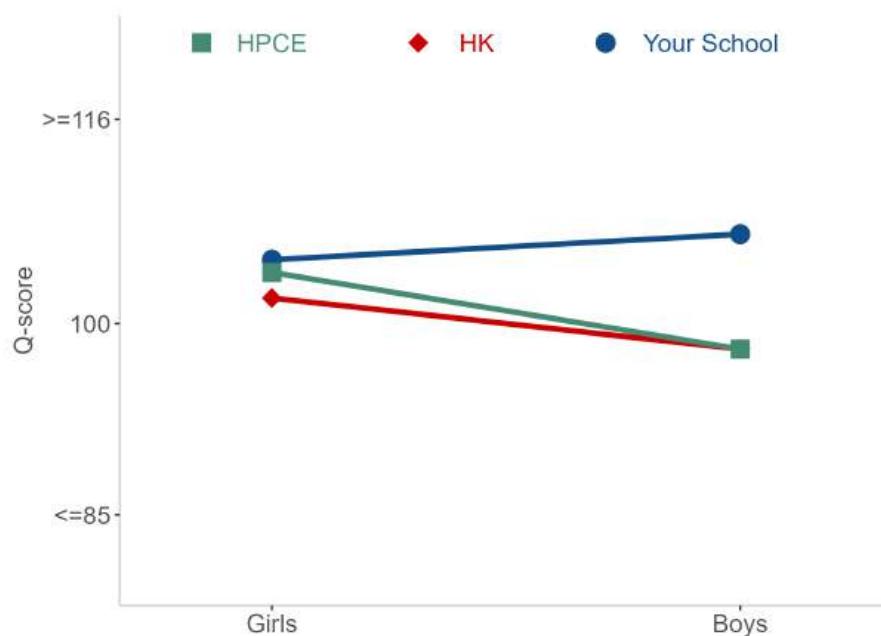
- In your school, high SES ( Q = 114 ) HIGHER THAN low SES ( Q = 98 ).
- In HK, high SES ( Q = 105 ) HIGHER THAN low SES ( Q = 95 ).
- In HPCE, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 98 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	98	104
HK	95	105
Your School	98	114

### Difference between Boys/Girls (Read Sentences)

- In your school, boys ( Q = 107 ) SIMILAR TO girls ( Q = 105 ).
- In HK, boys ( Q = 98 ) LOWER THAN girls ( Q = 102 ).
- In HPCE, boys ( Q = 98 ) LOWER THAN girls ( Q = 104 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	104	98
HK	102	98
Your School	105	107

## **Read A Story (Read Story)**

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to read a short story independently at the start of primary school. A higher Q-score/P-score indicates that students in your school had stronger reading comprehension skills compared to students in other schools in Hong Kong.

**Content:**

*How well could your child do the following when he/she began the first grade of primary/elementary school?  
Read a story*

### **Item Distribution of Your Students (%)**

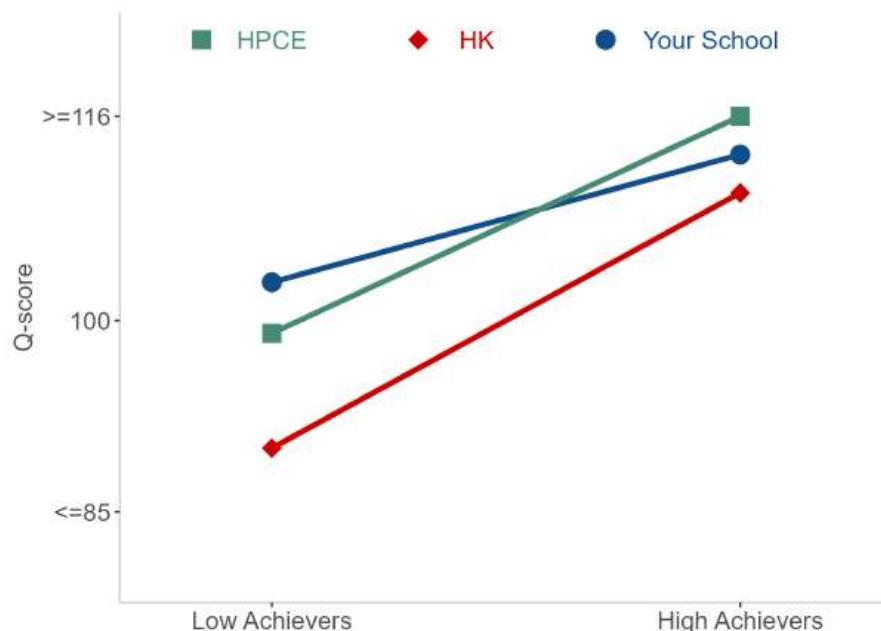
Options	Percentage
Very well	28.85
Moderately well	32.69
Not very well	36.54
Not at all	1.92

### **Overall Performance**

- Your school has Q-score 108 , P-score 70.3 .
- In HPCE, the median school Q-score is 108 , while the P-score is 70.3 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Read Story)

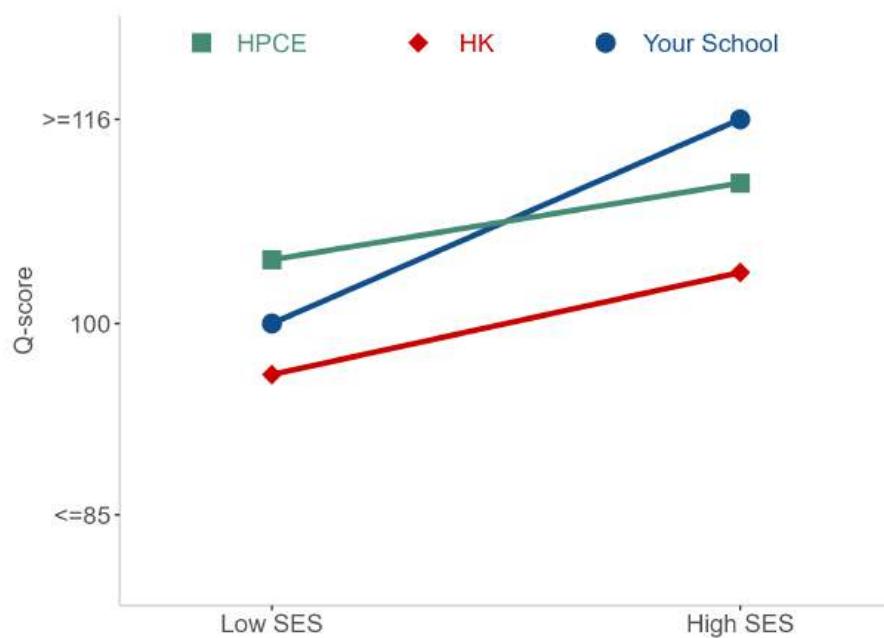
- In your school, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 103$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- In HPCE, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 99$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	99	116
HK	90	110
Your School	103	113

### Difference between Low/High SES (Read Story)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 100 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 111 ) SIMILAR TO low SES ( Q = 105 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	105	111
HK	96	104
Your School	100	116

### Difference between Boys/Girls (Read Story)

- In your school, boys ( Q = 110 ) SIMILAR TO girls ( Q = 106 ).
- In HK, boys ( Q = 96 ) LOWER THAN girls ( Q = 104 ).
- In HPCE, boys ( Q = 104 ) LOWER THAN girls ( Q = 112 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	112	104
HK	104	96
Your School	106	110

## **Write Letters (Write Letters)**

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to write letters of the alphabet when they began primary school. A higher Q-score/P-score indicates that students in your school had stronger early writing skills compared to students in other schools in Hong Kong.

**Content:**

*How well could your child do the following when he/she began the first grade of primary/elementary school?  
Write letters of the alphabet*

### **Item Distribution of Your Students (%)**

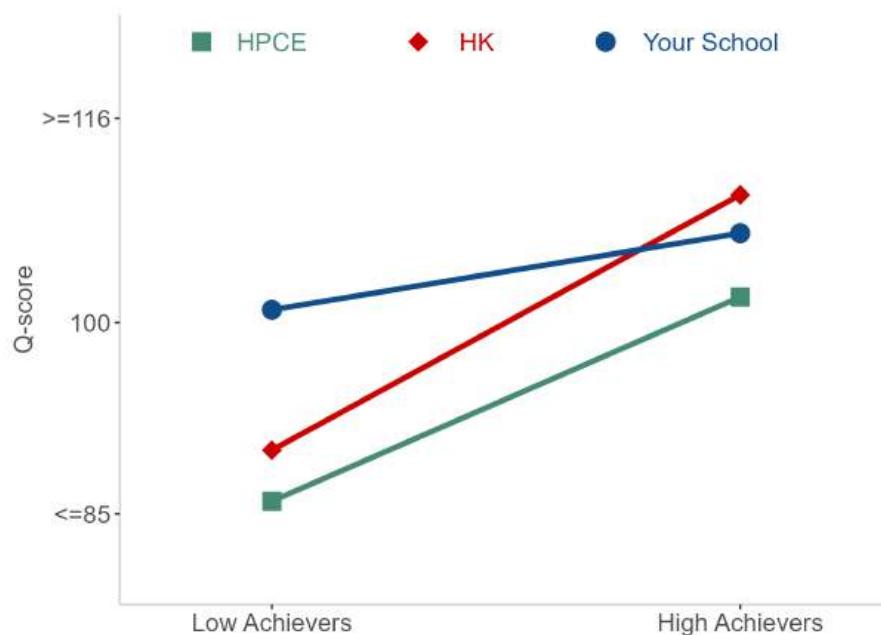
Options	Percentage
Very well	52.94
Moderately well	41.18
Not very well	5.88
Not at all	

### **Overall Performance**

- Your school has Q-score 104 , P-score 60.5 .
- In HPCE, the median school Q-score is 94 , while the P-score is 34.5 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Write Letters)

- In your school, high achievers (  $Q = 107$  ) HIGHER THAN low achievers (  $Q = 101$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- In HPCE, high achievers (  $Q = 102$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	86	102
HK	90	110
Your School	101	107

### Difference between Low/High SES (Write Letters)

- In your school, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 102 ).
- In HK, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 92 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve low SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve low SES students.



	Low SES	High SES
HPCE	92	96
HK	96	104
Your School	102	106

### Difference between Boys/Girls (Write Letters)

- In your school, boys ( Q = 104 ) SIMILAR TO girls ( Q = 104 ).
- In HK, boys ( Q = 96 ) LOWER THAN girls ( Q = 104 ).
- In HPCE, boys ( Q = 88 ) LOWER THAN girls ( Q = 100 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	100	88
HK	104	96
Your School	104	104

## Write Words (Write Words)

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to write words beyond their own name at the start of primary school. A higher Q-score/P-score indicates that students in your school had stronger foundational writing skills compared to students in other schools in Hong Kong.

**Content:**

*How well could your child do the following when he/she began the first grade of primary/elementary school?  
Write words other than his/her name*

### Item Distribution of Your Students (%)

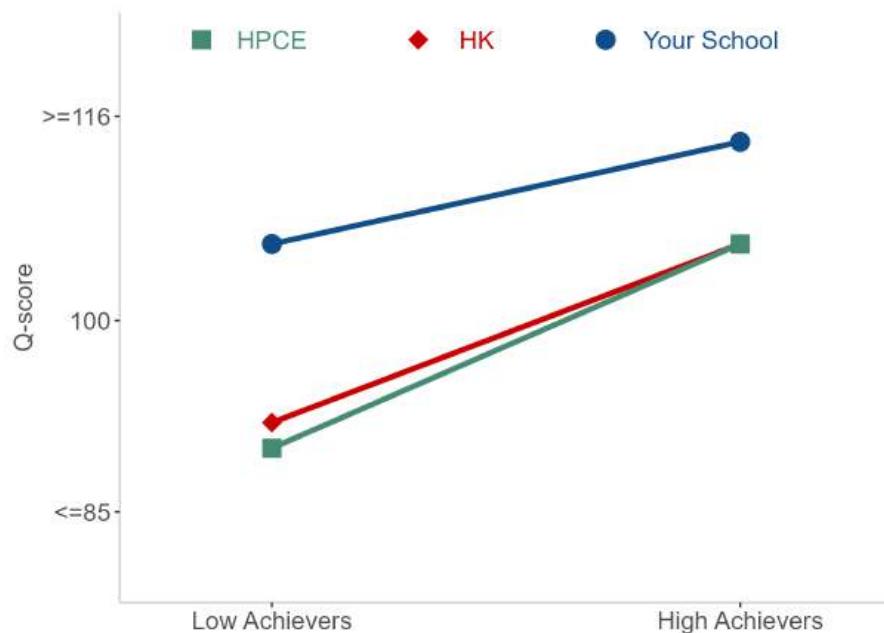
Options	Percentage
Very well	51.92
Moderately well	32.69
Not very well	13.46
Not at all	1.92

### Overall Performance

- Your school has Q-score 110 , P-score 74.8 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Write Words)

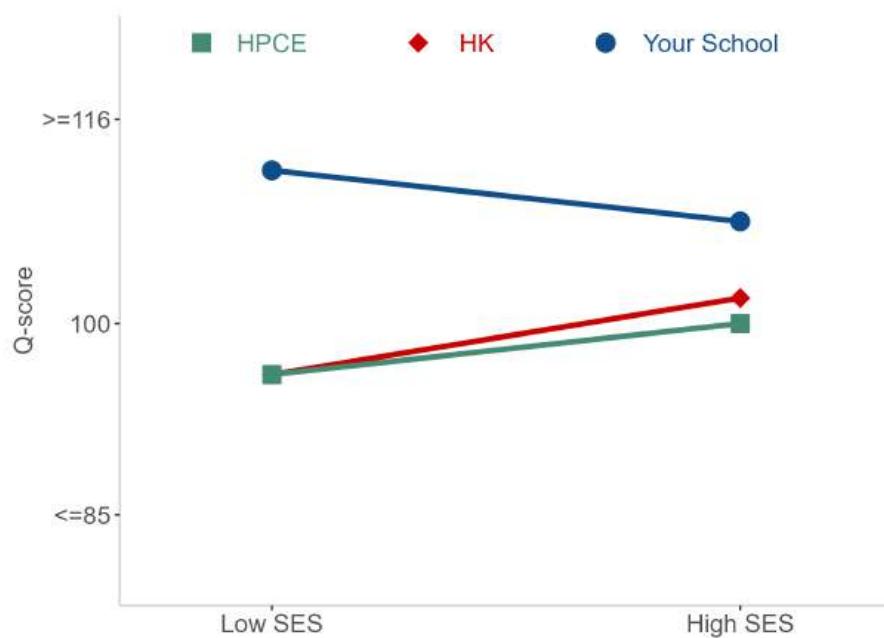
- In your school, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 106$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	90	106
HK	92	106
Your School	106	114

### Difference between Low/High SES (Write Words)

- In your school, high SES ( Q = 108 ) SIMILAR TO low SES ( Q = 112 ).
- In HK, high SES ( Q = 102 ) HIGHER THAN low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	96	100
HK	96	102
Your School	112	108

### Difference between Boys/Girls (Write Words)

- In your school, boys ( Q = 104 ) LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 94 ) LOWER THAN girls ( Q = 102 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Average, improve boys.



	Girls	Boys
HPCE	102	94
HK	100	98
Your School	116	104

## **Count By Him-/Herself (Count Independently)**

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to count independently when they began primary school. A higher Q-score/P-score indicates that students in your school had stronger early numeracy skills compared to students in other schools in Hong Kong.

**Content:**

*Could your child do the following when he/she began the first grade of primary/elementary school?  
Count by himself/herself*

### **Item Distribution of Your Students (%)**

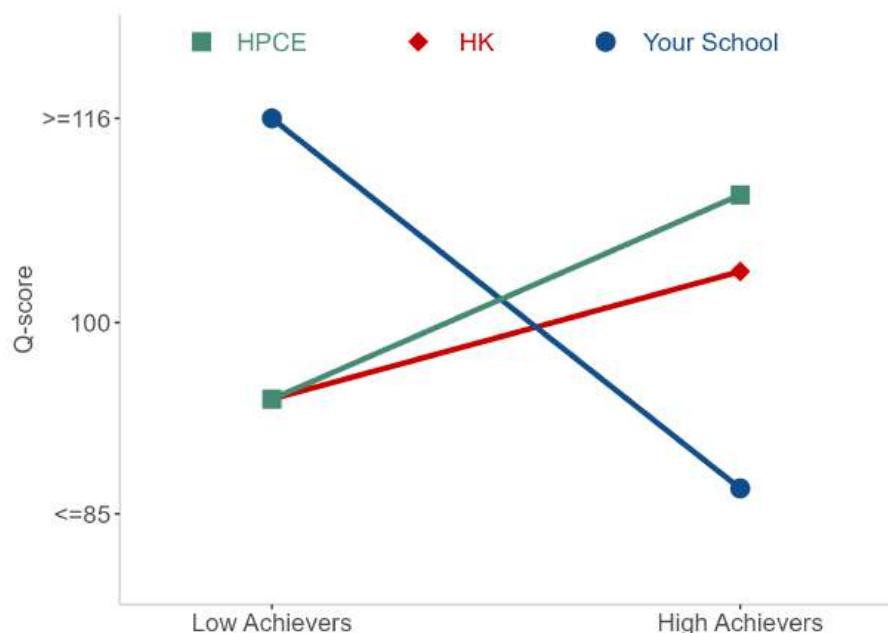
Options	Percentage
Not at all	11.54
Up to 10	3.85
Up to 20	15.38
Up to 100 or higher	69.23

### **Overall Performance**

- Your school has Q-score 104 , P-score 60.5 .
- In HPCE, the median school Q-score is 102 , while the P-score is 55.3 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Count Independently)

- In your school, high achievers ( Q = 87 ) VERY MUCH LOWER THAN low achievers ( Q = 116 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 110 ) HIGHER THAN low achievers ( Q = 94 ).
- Recommendation (cf. HK): Good, improve high achievers.
- Recommendation (cf. HPCE): Good, improve high achievers.



	Low Achievers	High Achievers
HPCE	94	110
HK	94	104
Your School	116	87

### Difference between Low/High SES (Count Independently)

- In your school, high SES ( Q = 112 ) HIGHER THAN low SES ( Q = 96 ).
- In HK, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 96 ).
- In HPCE, high SES ( Q = 104 ) SIMILAR TO low SES ( Q = 100 ).
- Recommendation (cf. HK): Slightly weak, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	100	104
HK	96	102
Your School	96	112

### Difference between Boys/Girls (Count Independently)

- In your school, boys ( Q = 89 ) VERY MUCH LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 94 ) SIMILAR TO girls ( Q = 104 ).
- In HPCE, boys ( Q = 103 ) SIMILAR TO girls ( Q = 101 ).
- Recommendation (cf. HK): Slightly weak, improve particularly boys.
- Recommendation (cf. HPCE): Slightly weak, improve particularly boys.



	Girls	Boys
HPCE	101	103
HK	104	94
Your School	116	89

## Recog Written Numeral (Recognize Numerals)

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to recognize written numbers at the start of primary school. A higher Q-score/P-score indicates that students in your school had stronger number recognition skills compared to students in other schools in Hong Kong.

**Content:**

*Could your child do the following when he/she began the first grade of primary/elementary school?  
Recognize written numbers*

### Item Distribution of Your Students (%)

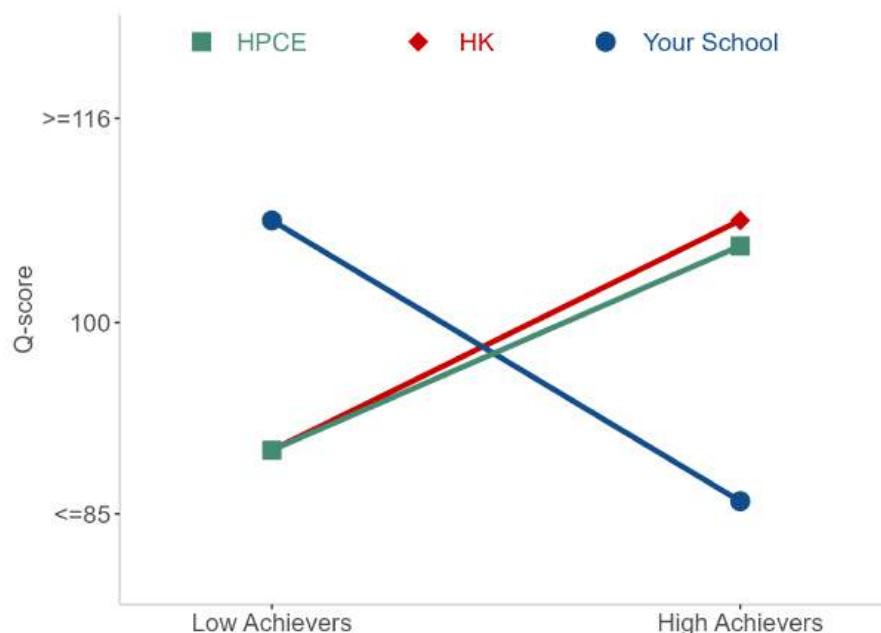
Options	Percentage
Not at all	13.46
Up to 10	5.77
Up to 20	19.23
Up to 100 or higher	61.54

### Overall Performance

- Your school has Q-score 97 , P-score 42.1 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Recognize Numerals)

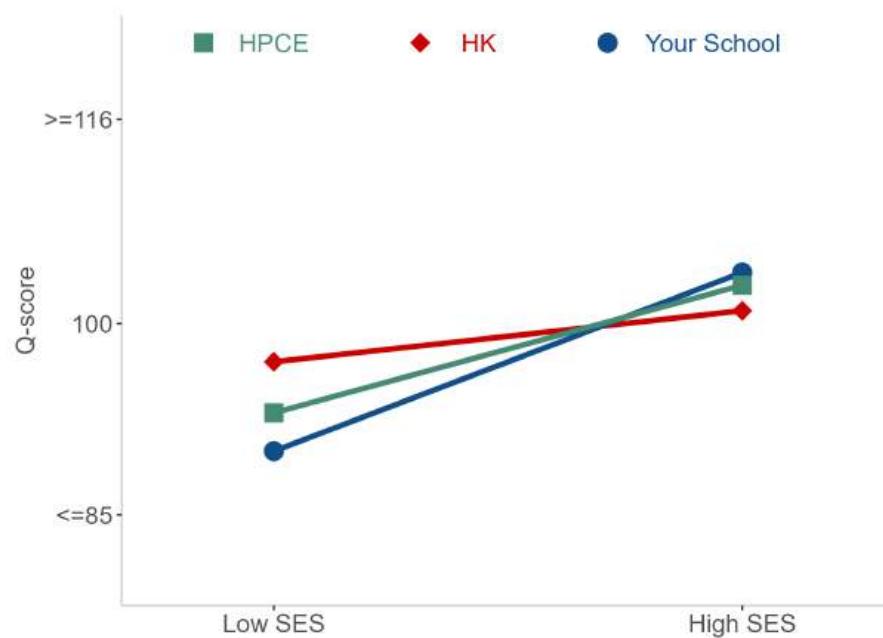
- In your school, high achievers ( Q = 86 ) LOWER THAN low achievers ( Q = 108 ).
- In HK, high achievers ( Q = 108 ) HIGHER THAN low achievers ( Q = 90 ).
- In HPCE, high achievers ( Q = 106 ) HIGHER THAN low achievers ( Q = 90 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	90	106
HK	90	108
Your School	108	86

## Difference between Low/High SES (Recognize Numerals)

- In your school, high SES ( Q = 104 ) HIGHER THAN low SES ( Q = 90 ).
- In HK, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 97 ).
- In HPCE, high SES ( Q = 103 ) SIMILAR TO low SES ( Q = 93 ).
- Recommendation (cf. HK): Good, improve low SES students.
- Recommendation (cf. HPCE): Good, improve low SES students.



	Low SES	High SES
HPCE	93	103
HK	97	101
Your School	90	104

### Difference between Boys/Girls (Recognize Numerals)

- In your school, boys ( Q = 85 ) VERY MUCH LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 100 ) SIMILAR TO girls ( Q = 96 ).
- Recommendation (cf. HK): Slightly weak, improve particularly boys.
- Recommendation (cf. HPCE): Slightly weak, improve particularly boys.



	Girls	Boys
HPCE	96	100
HK	102	96
Your School	116	85

## **Write Numbers (Write Numbers)**

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to write numbers independently at the beginning of primary school. A higher Q-score/P-score indicates that students in your school had stronger numerical writing skills compared to students in other schools in Hong Kong.

**Content:**

*Could your child do the following when he/she began the first grade of primary/elementary school?*  
*Write numbers*

### **Item Distribution of Your Students (%)**

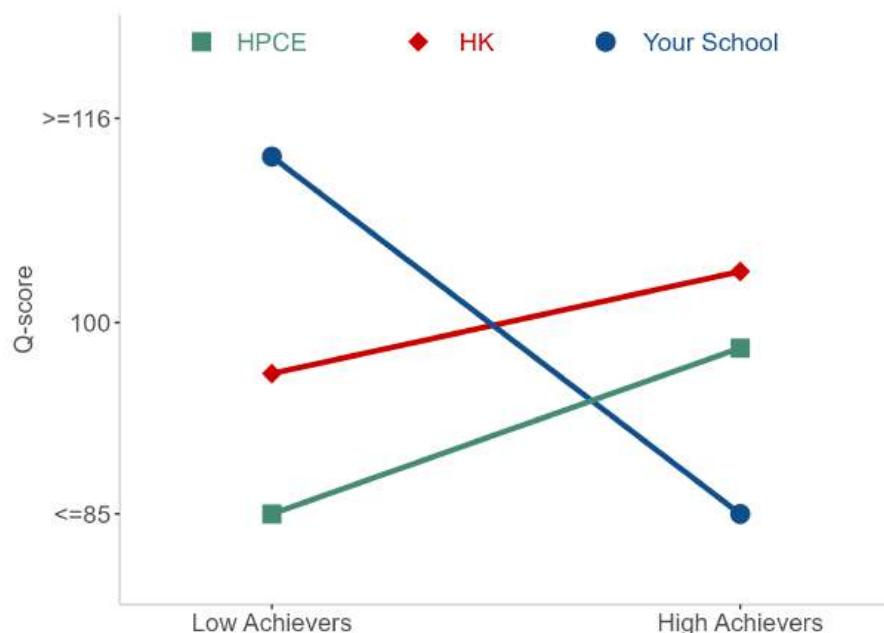
Options	Percentage
Not at all	13.73
Up to 10	5.88
Up to 20	15.69
Up to 100 or higher	64.71

### **Overall Performance**

- Your school has Q-score 97 , P-score 42.1 .
- In HPCE, the median school Q-score is 91 , while the P-score is 27.4 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Write Numbers)

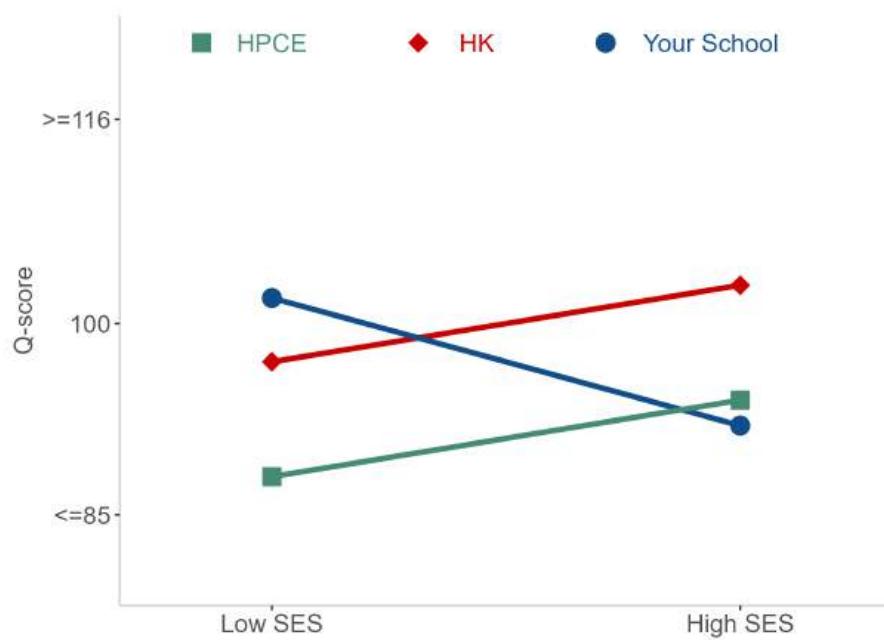
- In your school, high achievers ( Q = 85 ) VERY MUCH LOWER THAN low achievers ( Q = 113 ).
- In HK, high achievers ( Q = 104 ) SIMILAR TO low achievers ( Q = 96 ).
- In HPCE, high achievers ( Q = 98 ) HIGHER THAN low achievers ( Q = 85 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	85	98
HK	96	104
Your School	113	85

### Difference between Low/High SES (Write Numbers)

- In your school, high SES ( Q = 92 ) SIMILAR TO low SES ( Q = 102 ).
- In HK, high SES ( Q = 103 ) SIMILAR TO low SES ( Q = 97 ).
- In HPCE, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 88 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	88	94
HK	97	103
Your School	102	92

### Difference between Boys/Girls (Write Numbers)

- In your school, boys ( Q = 85 ) VERY MUCH LOWER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 98 ) SIMILAR TO girls ( Q = 102 ).
- In HPCE, boys ( Q = 92 ) SIMILAR TO girls ( Q = 90 ).
- Recommendation (cf. HK): Slightly weak, improve particularly boys.
- Recommendation (cf. HPCE): Slightly weak, improve particularly boys.



	Girls	Boys
HPCE	90	92
HK	102	98
Your School	116	85

## Simple Addition (Simple Addition)

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to perform basic addition at the start of primary school. A higher Q-score/P-score indicates that students in your school had stronger arithmetic skills compared to students in other schools in Hong Kong.

**Content:**

*Could your child do the following when he/she began the first grade of primary/elementary school?*

*Do simple addition*

### Item Distribution of Your Students (%)

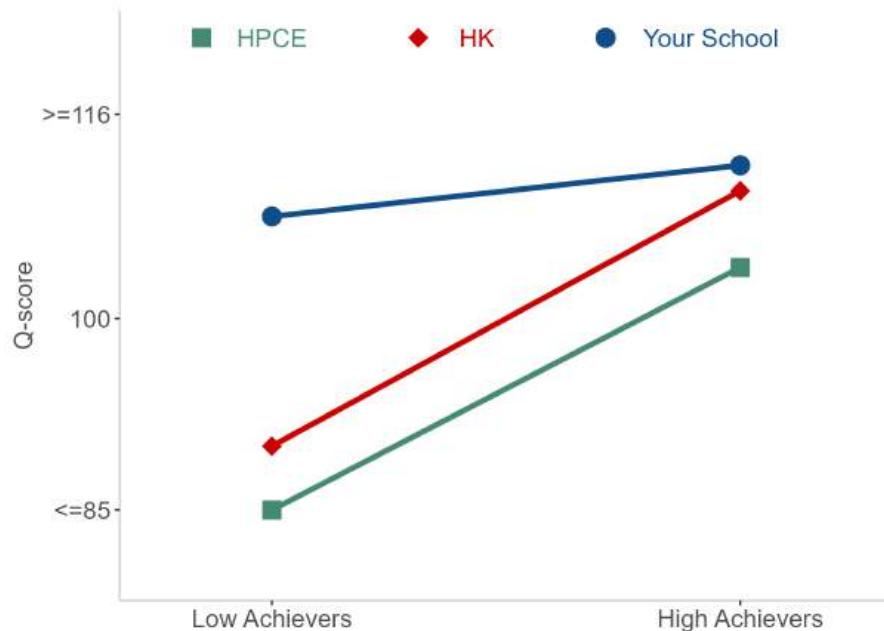
Options	Percentage
Yes	96.15
No	3.85

### Overall Performance

- Your school has Q-score 110 , P-score 74.8 .
- In HPCE, the median school Q-score is 92 , while the P-score is 29.7 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Simple Addition)

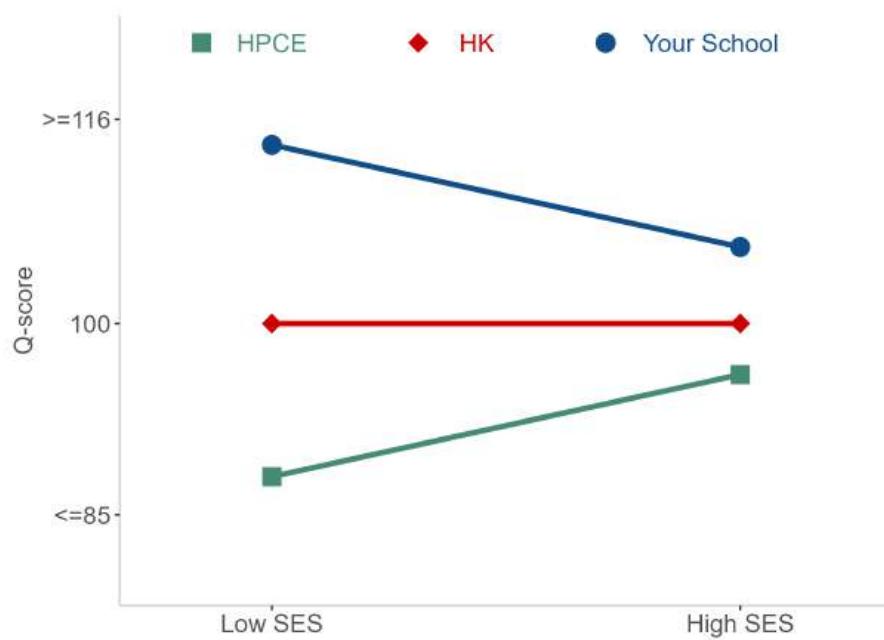
- In your school, high achievers (  $Q = 112$  ) SIMILAR TO low achievers (  $Q = 108$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- In HPCE, high achievers (  $Q = 104$  ) HIGHER THAN low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	85	104
HK	90	110
Your School	108	112

## Difference between Low/High SES (Simple Addition)

- In your school, high SES ( Q = 106 ) LOWER THAN low SES ( Q = 114 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 96 ) SIMILAR TO low SES ( Q = 88 ).
- Recommendation (cf. HK): Slightly weak, improve high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve high SES students.



	Low SES	High SES
HPCE	88	96
HK	100	100
Your School	114	106

## Difference between Boys/Girls (Simple Addition)

- In your school, boys ( Q = 106 ) LOWER THAN girls ( Q = 114 ).
- In HK, boys ( Q = 103 ) SIMILAR TO girls ( Q = 97 ).
- In HPCE, boys ( Q = 94 ) SIMILAR TO girls ( Q = 90 ).
- Recommendation (cf. HK): Slightly weak, improve boys.
- Recommendation (cf. HPCE): Slightly weak, improve boys.



	Girls	Boys
HPCE	90	94
HK	97	103
Your School	114	106

## Simple Subtraction (Simple Subtraction)

**Domains:** Parent

**Construct:** Early Literacy and Numeracy Tasks Beginning School

**Type:** Item

**Descriptions:** This item measures students' ability to perform basic subtraction when they began primary school. A higher Q-score/P-score indicates that students in your school had stronger foundational math skills compared to students in other schools in Hong Kong.

**Content:**

*Could your child do the following when he/she began the first grade of primary/elementary school?*

*Do simple subtraction*

### Item Distribution of Your Students (%)

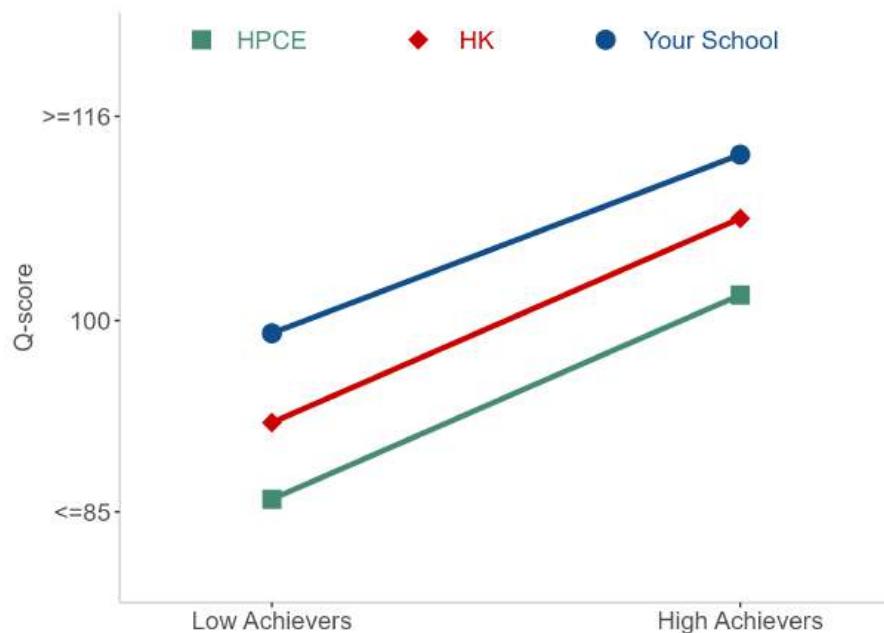
Options	Percentage
Yes	88.46
No	11.54

### Overall Performance

- Your school has Q-score 106 , P-score 65.5 .
- In HPCE, the median school Q-score is 94 , while the P-score is 34.5 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Simple Subtraction)

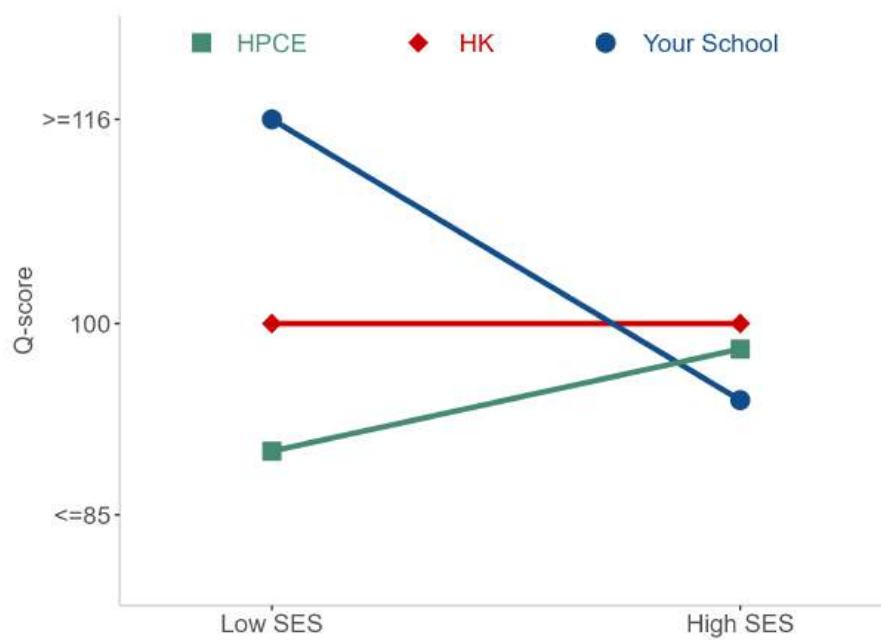
- In your school, high achievers (  $Q = 113$  ) HIGHER THAN low achievers (  $Q = 99$  ).
- In HK, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 102$  ) HIGHER THAN low achievers (  $Q = 86$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	86	102
HK	92	108
Your School	99	113

## Difference between Low/High SES (Simple Subtraction)

- In your school, high SES ( Q = 94 ) VERY MUCH LOWER THAN low SES ( Q = 116 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 90 ).
- Recommendation (cf. HK): Slightly weak, improve particularly high SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly high SES students.



	Low SES	High SES
HPCE	90	98
HK	100	100
Your School	116	94

### Difference between Boys/Girls (Simple Subtraction)

- In your school, boys ( Q = 106 ) SIMILAR TO girls ( Q = 106 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 95 ) SIMILAR TO girls ( Q = 93 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	93	95
HK	100	100
Your School	106	106

## **Parents Perceptions of Their Child School (Parent Views on Education)**

**Domains:** Parent

**Construct:** Parents Perceptions of Their Child School

**Type:** Scale

**Descriptions:** This scale assesses parents' perceptions of their child's school. A higher Q-score/P-score indicates that parents in your school have a more positive perception of the school compared to those in other schools in Hong Kong.

**Content:**

This scale is computed using the following items:

My child's school does a good job including me in my child's education

My child's school cares about my child's progress in school

My child's school does a good job informing me of his/her progress

My child's school promotes high academic standards

My child's school does a good job in helping him/her become better in reading

My child's school does a good job in helping him/her become better in mathematics

My child's school does a good job in helping him/her become better in science

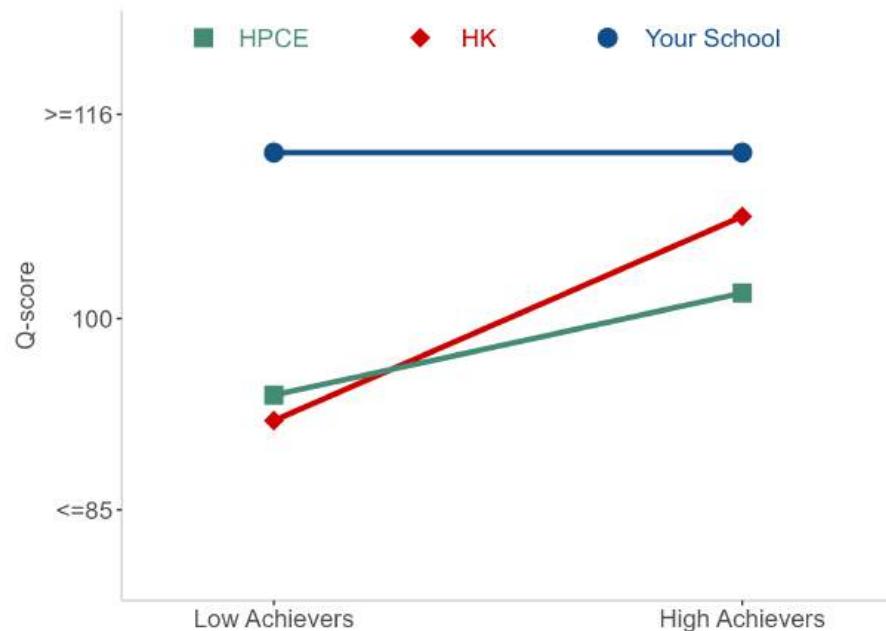
For further details on the aforementioned items, please refer to the subsequent sections.

### **Overall Performance**

- Your school has Q-score 113 , P-score 80.7 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Parent Views on Education)

- In your school, high achievers ( Q = 113 ) SIMILAR TO low achievers ( Q = 113 ).
- In HK, high achievers ( Q = 108 ) HIGHER THAN low achievers ( Q = 92 ).
- In HPCE, high achievers ( Q = 102 ) SIMILAR TO low achievers ( Q = 94 ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	94	102
HK	92	108
Your School	113	113

## Difference between Low/High SES (Parent Views on Education)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 104 ).
- In HK, high SES ( Q = 97 ) SIMILAR TO low SES ( Q = 103 ).
- In HPCE, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 102 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	102	94
HK	103	97
Your School	104	116

### Difference between Boys/Girls (Parent Views on Education)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 108 ).
- In HK, boys ( Q = 99 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 98 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Good, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	98	98
HK	101	99
Your School	108	116

## **Included In Childs Edu (Involved in Education)**

**Domains:** Parent

**Construct:** Parents Perceptions of Their Child School

**Type:** Item

**Descriptions:** This item measures parents' perceptions of school-family partnerships. A higher Q-score/P-score indicates that parents in your school perceive the school as doing a better job in involving them in their child's education compared to parents in other schools in Hong Kong.

**Content:**

*What do you think of your child's school?*

*My child's school does a good job including me in my child's education*

### **Item Distribution of Your Students (%)**

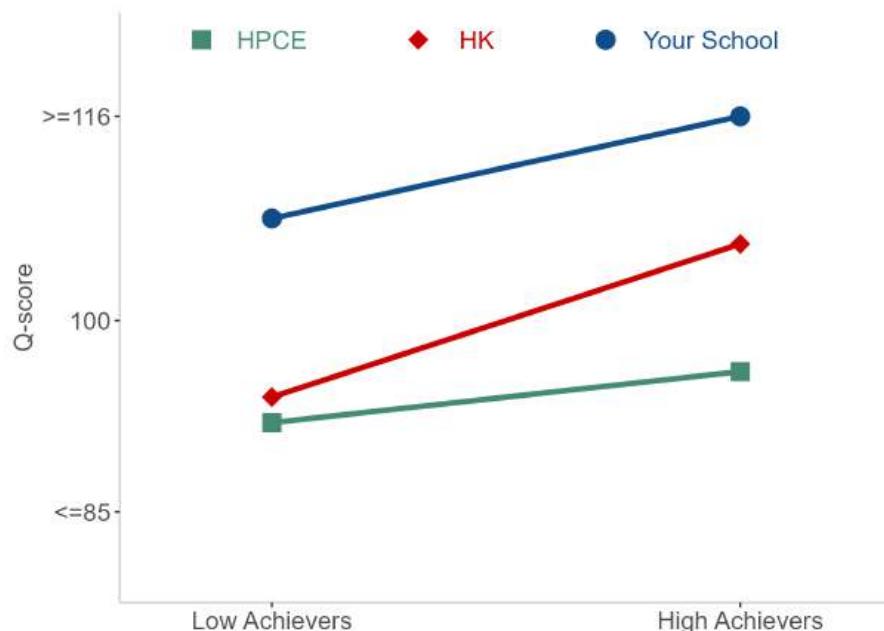
Options	Percentage
Agree a lot	69.23
Agree a little	30.77
Disagree a little	
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 112 , P-score 78.8 .
- In HPCE, the median school Q-score is 94 , while the P-score is 34.5 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Involved in Education)

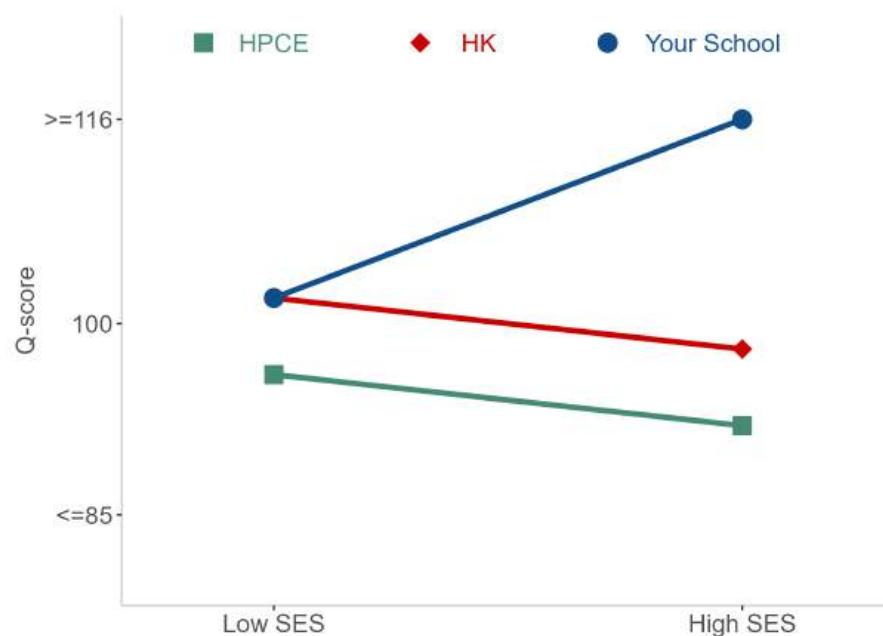
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 108$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 96$  ) SIMILAR TO low achievers (  $Q = 92$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	92	96
HK	94	106
Your School	108	116

## Difference between Low/High SES (Involved in Education)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 102 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 92 ) SIMILAR TO low SES ( Q = 96 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	96	92
HK	102	98
Your School	102	116

### Difference between Boys/Girls (Involved in Education)

- In your school, boys ( Q = 114 ) SIMILAR TO girls ( Q = 110 ).
- In HK, boys ( Q = 96 ) SIMILAR TO girls ( Q = 104 ).
- In HPCE, boys ( Q = 95 ) SIMILAR TO girls ( Q = 93 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve girls.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve girls.



	Girls	Boys
HPCE	93	95
HK	104	96
Your School	110	114

## Cares About Childs Prog (Cares About Child's Progress)

**Domains:** Parent

**Construct:** Parents Perceptions of Their Child School

**Type:** Item

**Descriptions:** This item measures parents' perceptions of the school's commitment to student success. A higher Q-score/P-score indicates that parents in your school perceive the school as caring more about their child's progress in school compared to parents in other schools in Hong Kong.

**Content:**

*What do you think of your child's school?*

*My child's school cares about my child's progress in school*

### Item Distribution of Your Students (%)

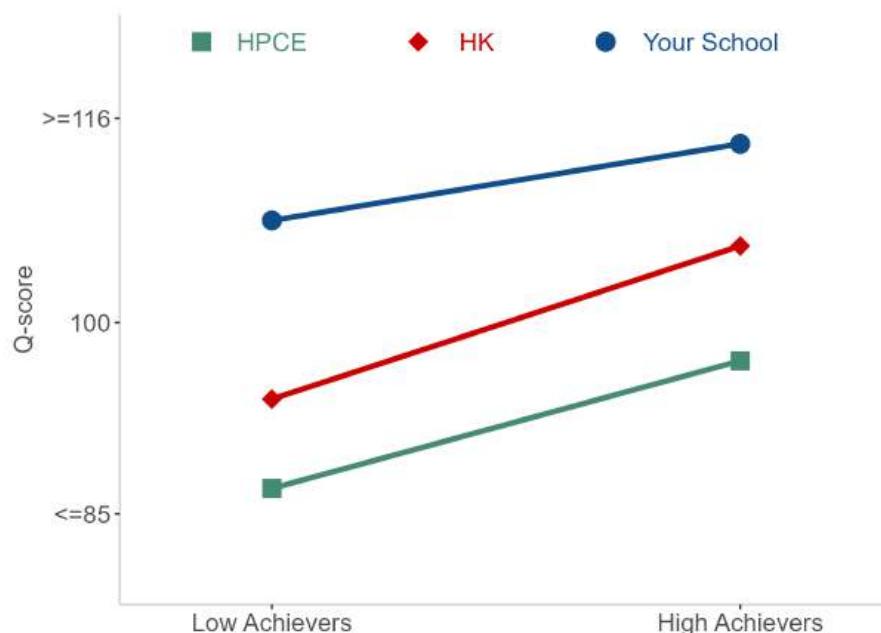
Options	Percentage
Agree a lot	69.23
Agree a little	30.77
Disagree a little	
Disagree a lot	

### Overall Performance

- Your school has Q-score 111 , P-score 76.8 .
- In HPCE, the median school Q-score is 92 , while the P-score is 29.7 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Good, KEEP ON good work.

### Difference between Low/High Achievers (Cares About Child's Progress)

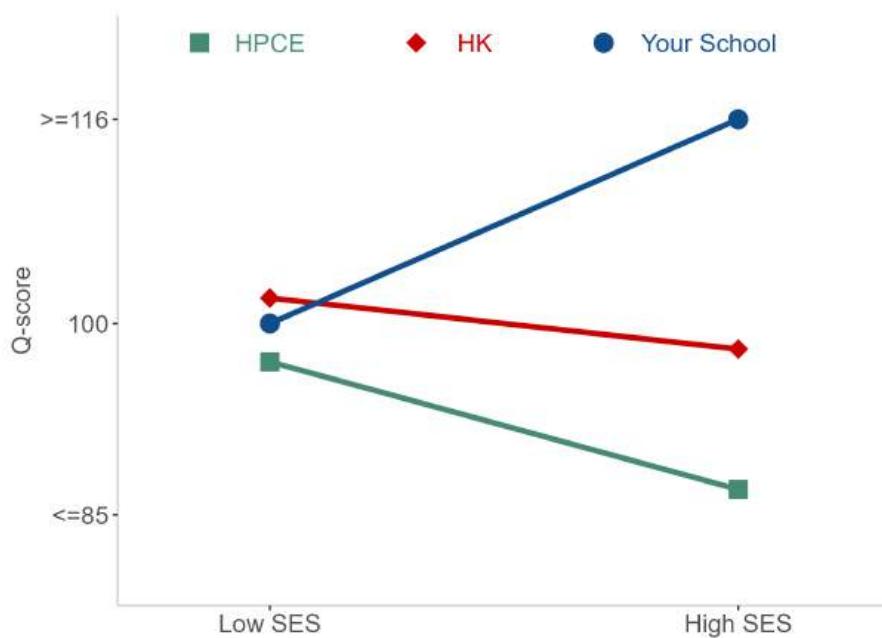
- In your school, high achievers ( Q = 114 ) SIMILAR TO low achievers ( Q = 108 ).
- In HK, high achievers ( Q = 106 ) HIGHER THAN low achievers ( Q = 94 ).
- In HPCE, high achievers ( Q = 97 ) SIMILAR TO low achievers ( Q = 87 ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	87	97
HK	94	106
Your School	108	114

## Difference between Low/High SES (Cares About Child's Progress)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 100 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 87 ) SIMILAR TO low SES ( Q = 97 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	97	87
HK	102	98
Your School	100	116

### Difference between Boys/Girls (Cares About Child's Progress)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 90 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 92 ) SIMILAR TO girls ( Q = 92 ).
- Recommendation (cf. HK): Weak, improve particularly girls.
- Recommendation (cf. HPCE): Weak, improve particularly girls.



	Girls	Boys
HPCE	92	92
HK	100	100
Your School	90	116

## **Keeping Me Informed (Keeping Informed)**

**Domains:** Parent

**Construct:** Parents Perceptions of Their Child School

**Type:** Item

**Descriptions:** This item measures parents' perceptions of the school's communication regarding student progress. A higher Q-score/P-score indicates that parents in your school perceive the school as doing a better job in informing them about their child's progress compared to parents in other schools in Hong Kong.

**Content:**

*What do you think of your child's school?*

*My child's school does a good job informing me of his/her progress*

### **Item Distribution of Your Students (%)**

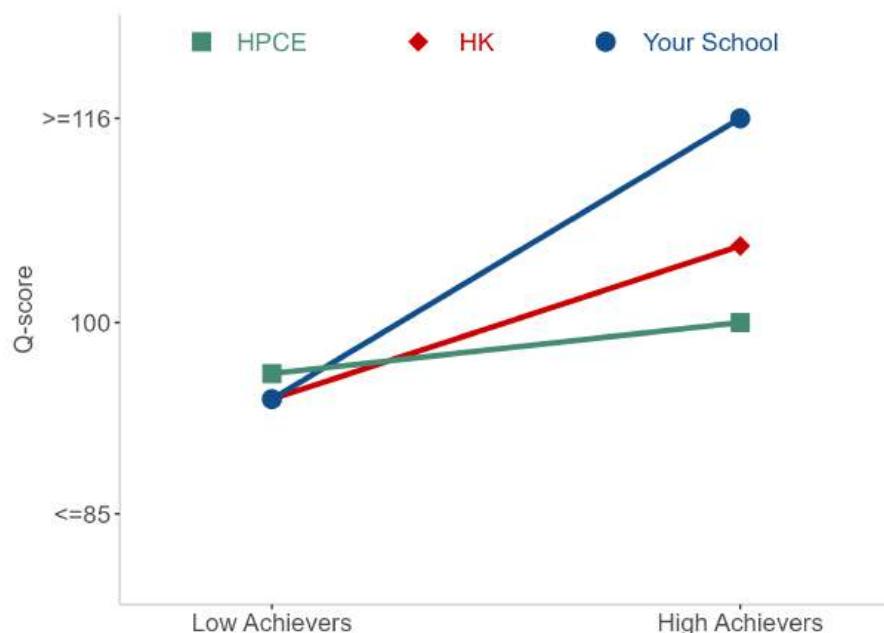
Options	Percentage
Agree a lot	59.62
Agree a little	34.62
Disagree a little	5.77
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 105 , P-score 63.1 .
- In HPCE, the median school Q-score is 98 , while the P-score is 44.7 .
- Recommendation (cf. HK): Good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Keeping Informed)

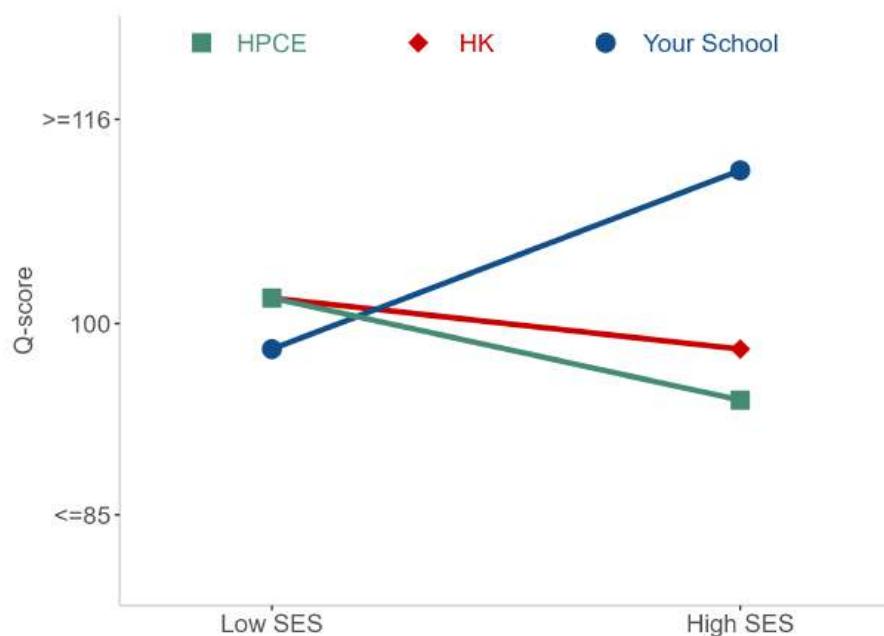
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 94$  ).
- In HPCE, high achievers (  $Q = 100$  ) SIMILAR TO low achievers (  $Q = 96$  ).
- Recommendation (cf. HK): Good, improve low achievers.
- Recommendation (cf. HPCE): Good, improve low achievers.



	Low Achievers	High Achievers
HPCE	96	100
HK	94	106
Your School	94	116

## Difference between Low/High SES (Keeping Informed)

- In your school, high SES ( Q = 112 ) HIGHER THAN low SES ( Q = 98 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 102 ).
- Recommendation (cf. HK): Slightly weak, improve low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve low SES students.



	Low SES	High SES
HPCE	102	94
HK	102	98
Your School	98	112

### Difference between Boys/Girls (Keeping Informed)

- In your school, boys ( Q = 104 ) SIMILAR TO girls ( Q = 106 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 98 ) SIMILAR TO girls ( Q = 98 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	98	98
HK	100	100
Your School	106	104

## Promote High Standards (Promote High Standards)

**Domains:** Parent

**Construct:** Parents Perceptions of Their Child School

**Type:** Item

**Descriptions:** This item measures parents' perceptions of the school's academic expectations. A higher Q-score/P-score indicates that parents in your school perceive the school as promoting higher academic standards compared to parents in other schools in Hong Kong.

**Content:**

*What do you think of your child's school?*

*My child's school promotes high academic standards*

### Item Distribution of Your Students (%)

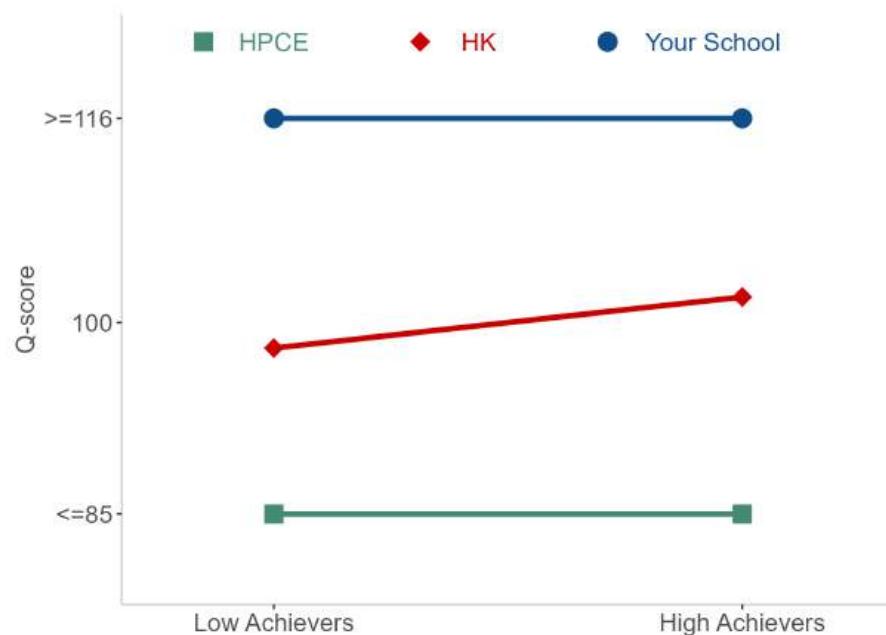
Options	Percentage
Agree a lot	68.63
Agree a little	31.37
Disagree a little	
Disagree a lot	

### Overall Performance

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 78 , while the P-score is 15.9 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Very good, KEEP ON good work.

## Difference between Low/High Achievers (Promote High Standards)

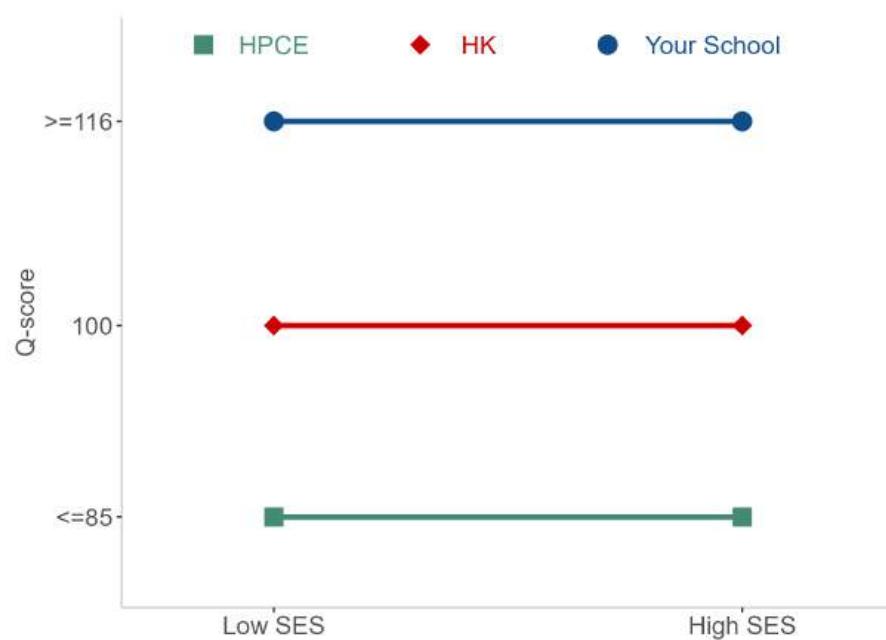
- In your school, high achievers (  $Q = 116$  ) SIMILAR TO low achievers (  $Q = 116$  ).
- In HK, high achievers (  $Q = 102$  ) SIMILAR TO low achievers (  $Q = 98$  ).
- In HPCE, high achievers (  $Q = 85$  ) SIMILAR TO low achievers (  $Q = 85$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	85	85
HK	98	102
Your School	116	116

## Difference between Low/High SES (Promote High Standards)

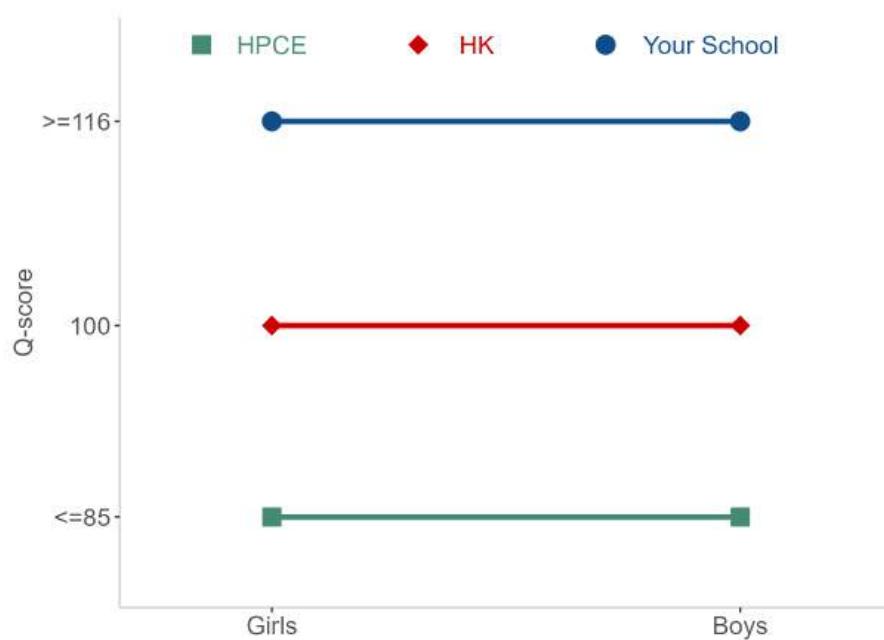
- In your school, high SES ( Q = 116 ) SIMILAR TO low SES ( Q = 116 ).
- In HK, high SES ( Q = 100 ) SIMILAR TO low SES ( Q = 100 ).
- In HPCE, high SES ( Q = 85 ) SIMILAR TO low SES ( Q = 85 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve high SES students.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve high SES students.



	Low SES	High SES
HPCE	85	85
HK	100	100
Your School	116	116

### Difference between Boys/Girls (Promote High Standards)

- In your school, boys ( Q = 116 ) SIMILAR TO girls ( Q = 116 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 85 ) SIMILAR TO girls ( Q = 85 ).
- Recommendation (cf. HK): Very good, keep on good work or slightly improve boys.
- Recommendation (cf. HPCE): Very good, keep on good work or slightly improve boys.



	Girls	Boys
HPCE	85	85
HK	100	100
Your School	116	116

## **Help Become Better Read (Help With Reading)**

**Domains:** Parent

**Construct:** Parents Perceptions of Their Child School

**Type:** Item

**Descriptions:** This item measures parents' perceptions of the school's effectiveness in improving students' reading skills. A higher Q-score/P-score indicates that parents in your school perceive the school as doing a better job in helping their child become a better reader compared to parents in other schools in Hong Kong.

**Content:**

*What do you think of your child's school?*

*My child's school does a good job in helping him/her become better in reading*

### **Item Distribution of Your Students (%)**

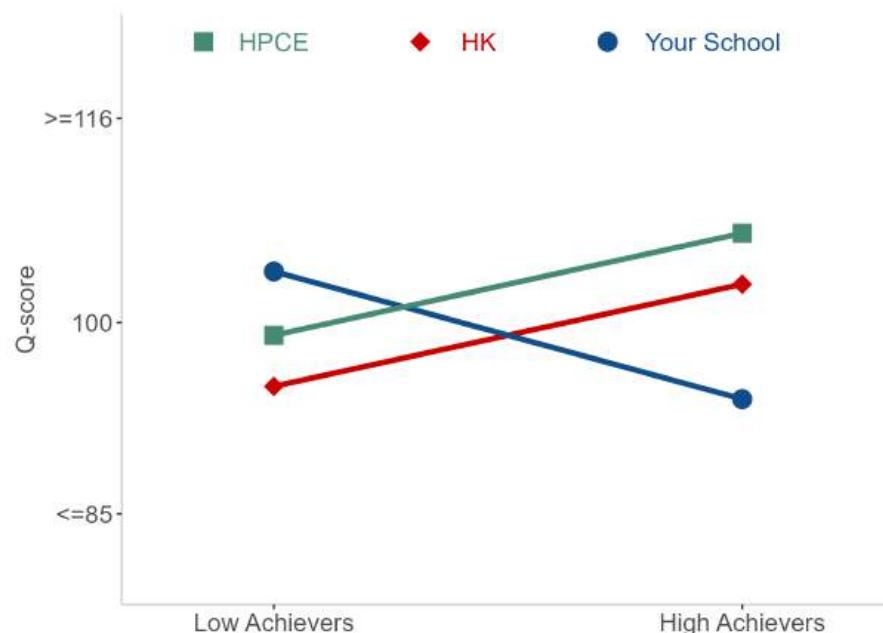
Options	Percentage
Agree a lot	40.38
Agree a little	59.62
Disagree a little	
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 99 , P-score 47.3 .
- In HPCE, the median school Q-score is 103 , while the P-score is 57.9 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Help With Reading)

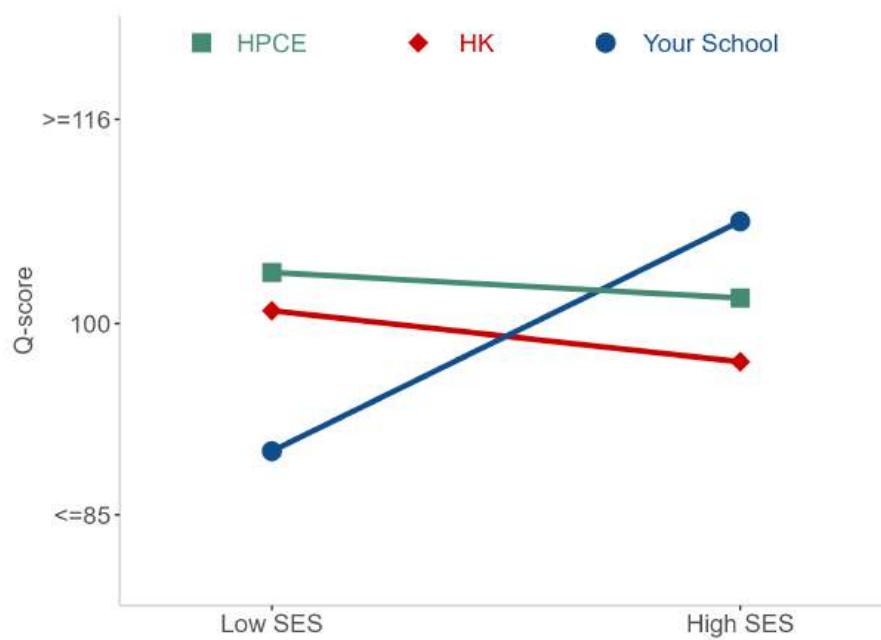
- In your school, high achievers ( Q = 94 ) LOWER THAN low achievers ( Q = 104 ).
- In HK, high achievers ( Q = 103 ) HIGHER THAN low achievers ( Q = 95 ).
- In HPCE, high achievers ( Q = 107 ) HIGHER THAN low achievers ( Q = 99 ).
- Recommendation (cf. HK): Average, improve high achievers.
- Recommendation (cf. HPCE): Average, improve high achievers.



	Low Achievers	High Achievers
HPCE	99	107
HK	95	103
Your School	104	94

### Difference between Low/High SES (Help With Reading)

- In your school, high SES ( Q = 108 ) HIGHER THAN low SES ( Q = 90 ).
- In HK, high SES ( Q = 97 ) SIMILAR TO low SES ( Q = 101 ).
- In HPCE, high SES ( Q = 102 ) SIMILAR TO low SES ( Q = 104 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	104	102
HK	101	97
Your School	90	108

### Difference between Boys/Girls (Help With Reading)

- In your school, boys ( Q = 96 ) LOWER THAN girls ( Q = 102 ).
- In HK, boys ( Q = 97 ) SIMILAR TO girls ( Q = 101 ).
- In HPCE, boys ( Q = 102 ) SIMILAR TO girls ( Q = 104 ).
- Recommendation (cf. HK): Average, improve boys.
- Recommendation (cf. HPCE): Good, improve boys.



	Girls	Boys
HPCE	104	102
HK	101	97
Your School	102	96

## **Help Become Better In Math (Help With Math)**

**Domains:** Parent

**Construct:** Parents Perceptions of Their Child School

**Type:** Item

**Descriptions:** This item measures parents' perceptions of the school's effectiveness in improving students' mathematics skills. A higher Q-score/P-score indicates that parents in your school perceive the school as doing a better job in helping their child become better in mathematics compared to parents in other schools in Hong Kong.

**Content:**

*What do you think of your child's school?*

*My child's school does a good job in helping him/her become better in mathematics*

### **Item Distribution of Your Students (%)**

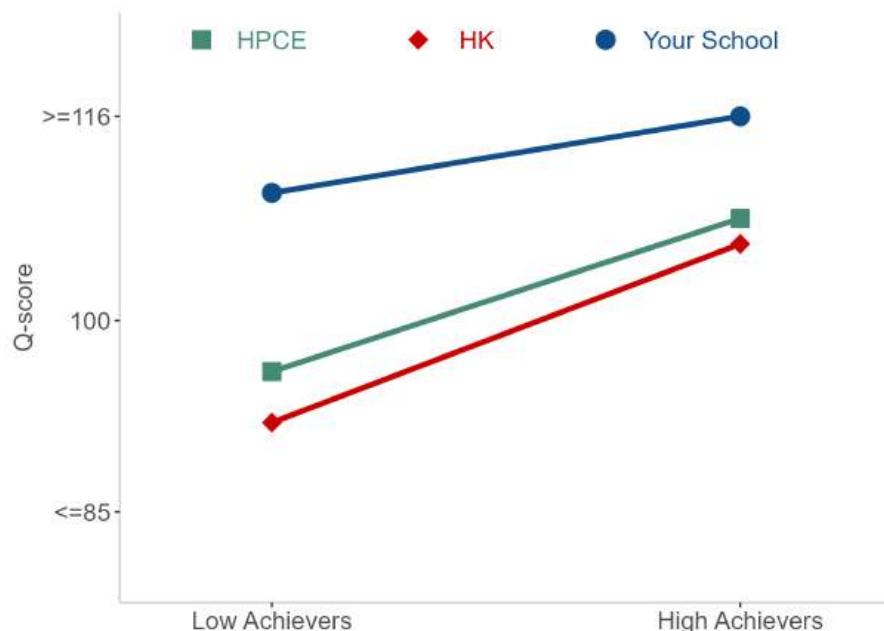
Options	Percentage
Agree a lot	57.69
Agree a little	40.38
Disagree a little	1.92
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 114 , P-score 82.5 .
- In HPCE, the median school Q-score is 102 , while the P-score is 55.3 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Help With Math)

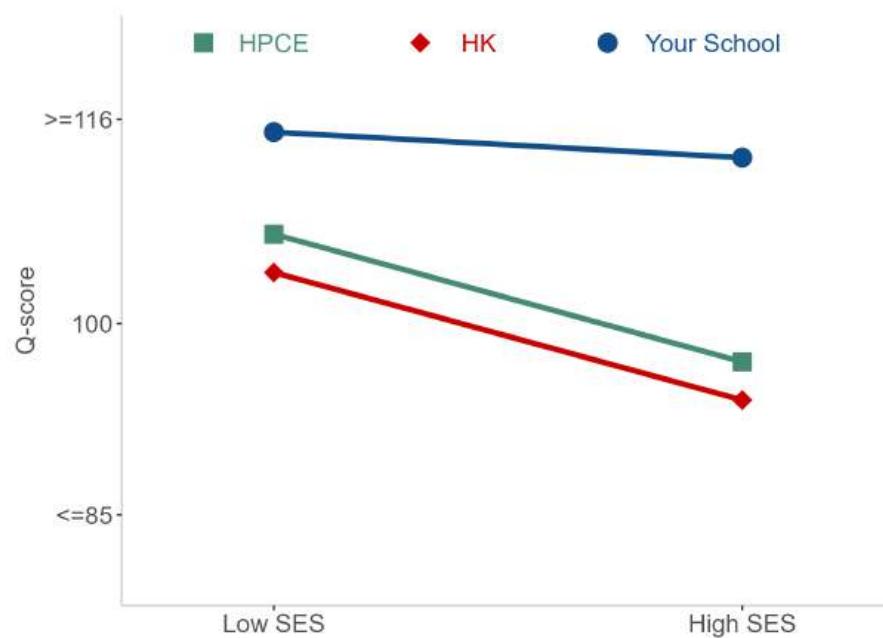
- In your school, high achievers (  $Q = 116$  ) HIGHER THAN low achievers (  $Q = 110$  ).
- In HK, high achievers (  $Q = 106$  ) HIGHER THAN low achievers (  $Q = 92$  ).
- In HPCE, high achievers (  $Q = 108$  ) HIGHER THAN low achievers (  $Q = 96$  ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve low achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve low achievers.



	Low Achievers	High Achievers
HPCE	96	108
HK	92	106
Your School	110	116

## Difference between Low/High SES (Help With Math)

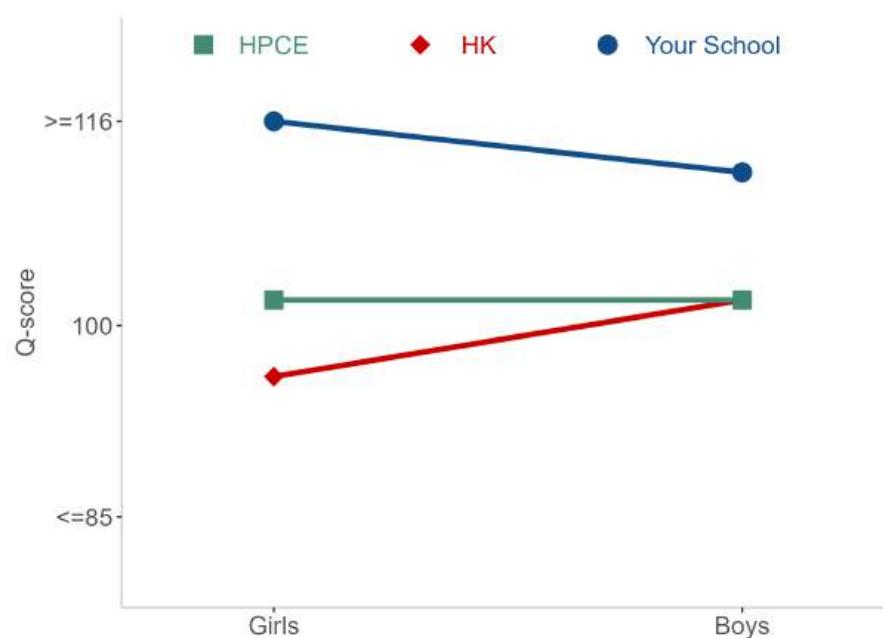
- In your school, high SES ( Q = 113 ) SIMILAR TO low SES ( Q = 115 ).
- In HK, high SES ( Q = 94 ) SIMILAR TO low SES ( Q = 104 ).
- In HPCE, high SES ( Q = 97 ) SIMILAR TO low SES ( Q = 107 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Low SES	High SES
HPCE	107	97
HK	104	94
Your School	115	113

### Difference between Boys/Girls (Help With Math)

- In your school, boys ( Q = 112 ) SIMILAR TO girls ( Q = 116 ).
- In HK, boys ( Q = 102 ) HIGHER THAN girls ( Q = 96 ).
- In HPCE, boys ( Q = 102 ) SIMILAR TO girls ( Q = 102 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	102	102
HK	96	102
Your School	116	112

## **Help Become Better In Sci (Help With Science)**

**Domains:** Parent

**Construct:** Parents Perceptions of Their Child School

**Type:** Item

**Descriptions:** This item measures parents' perceptions of the school's effectiveness in improving students' science skills. A higher Q-score/P-score indicates that parents in your school perceive the school as doing a better job in helping their child become better in science compared to parents in other schools in Hong Kong.

**Content:**

*What do you think of your child's school?*

*My child's school does a good job in helping him/her become better in science*

### **Item Distribution of Your Students (%)**

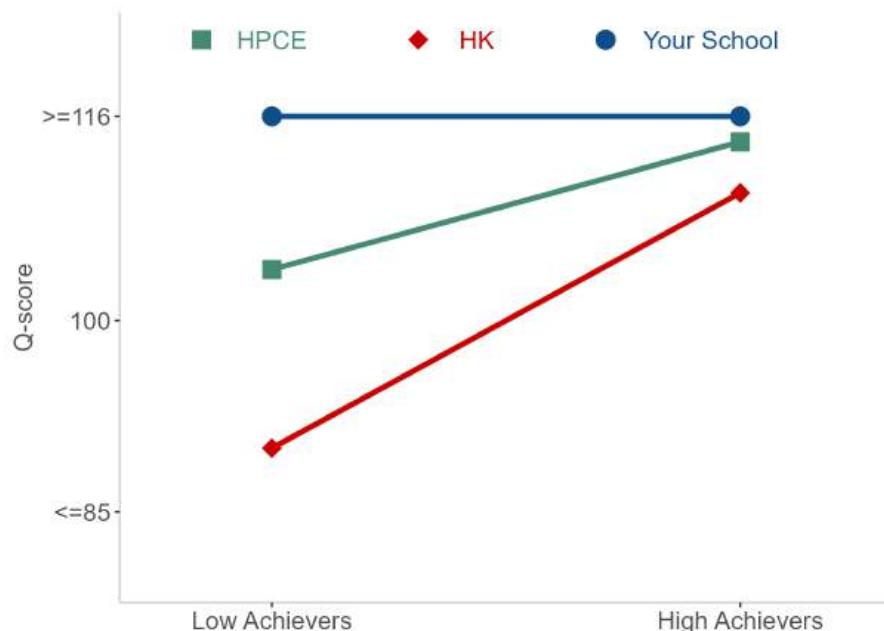
Options	Percentage
Agree a lot	55.77
Agree a little	44.23
Disagree a little	
Disagree a lot	

### **Overall Performance**

- Your school has Q-score 116 , P-score 85.7 .
- In HPCE, the median school Q-score is 109 , while the P-score is 72.6 .
- Recommendation (cf. HK): Extremely good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

### Difference between Low/High Achievers (Help With Science)

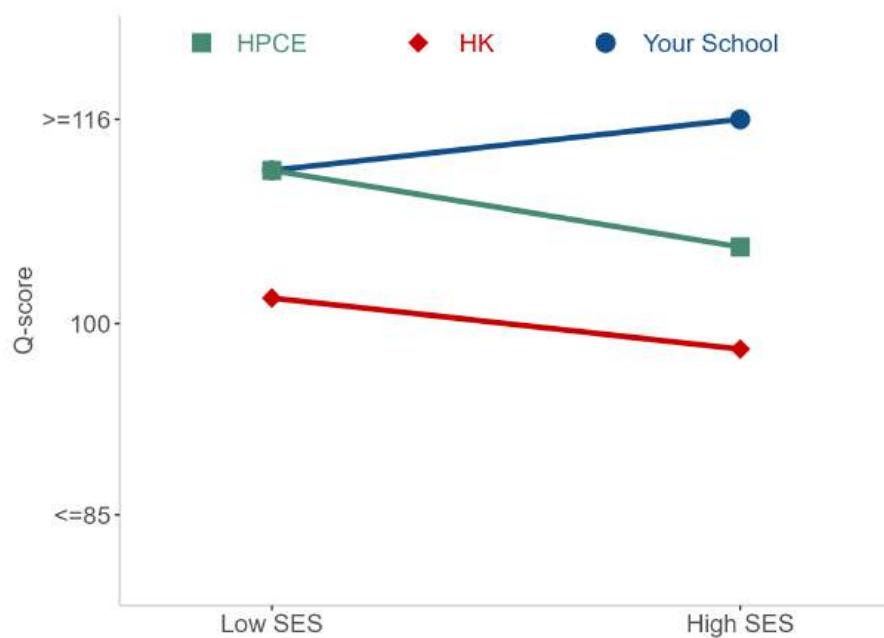
- In your school, high achievers (  $Q = 116$  ) SIMILAR TO low achievers (  $Q = 116$  ).
- In HK, high achievers (  $Q = 110$  ) HIGHER THAN low achievers (  $Q = 90$  ).
- In HPCE, high achievers (  $Q = 114$  ) HIGHER THAN low achievers (  $Q = 104$  ).
- Recommendation (cf. HK): Extremely good, keep on the good work.
- Recommendation (cf. HPCE): Extremely good, keep on the good work.



	Low Achievers	High Achievers
HPCE	104	114
HK	90	110
Your School	116	116

## Difference between Low/High SES (Help With Science)

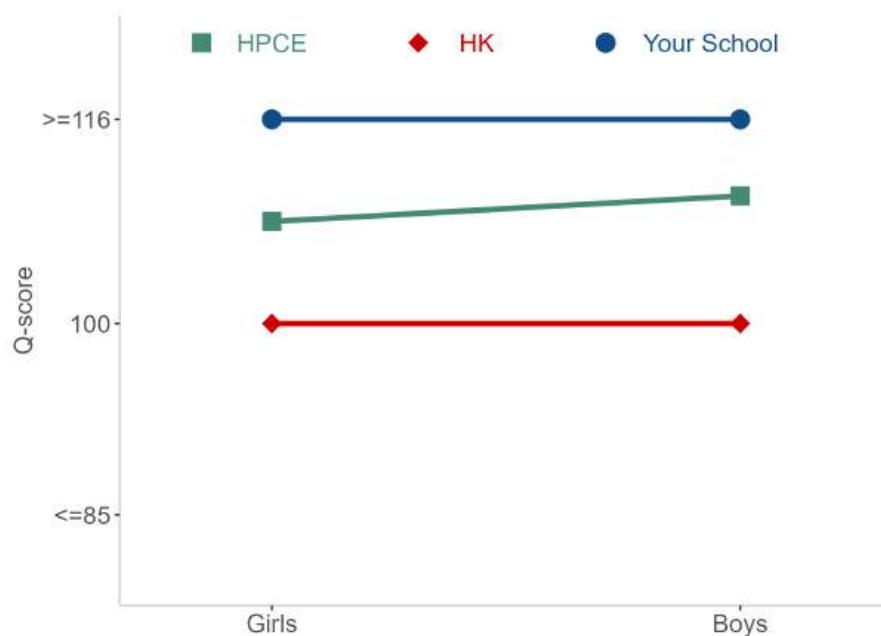
- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 112 ).
- In HK, high SES ( Q = 98 ) SIMILAR TO low SES ( Q = 102 ).
- In HPCE, high SES ( Q = 106 ) SIMILAR TO low SES ( Q = 112 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	112	106
HK	102	98
Your School	112	116

## Difference between Boys/Girls (Help With Science)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 116 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 110 ) SIMILAR TO girls ( Q = 108 ).
- Recommendation (cf. HK): Average, improve girls.
- Recommendation (cf. HPCE): Average, improve girls.



	Girls	Boys
HPCE	108	110
HK	100	100
Your School	116	116

## **Student Attended Preprimary Education (Attended Preprimary Education)**

**Domains:** Parent

**Construct:** Student Attended Preprimary Education

**Type:** Item

**Descriptions:** This item assesses the extent of students' participation in pre-primary education. A higher Q-score/P-score indicates that students in your school have attended more pre-primary education compared to those in other schools in Hong Kong.

**Content:**

*Pre-primary educational program*

\*\*

### **Item Distribution of Your Students (%)**

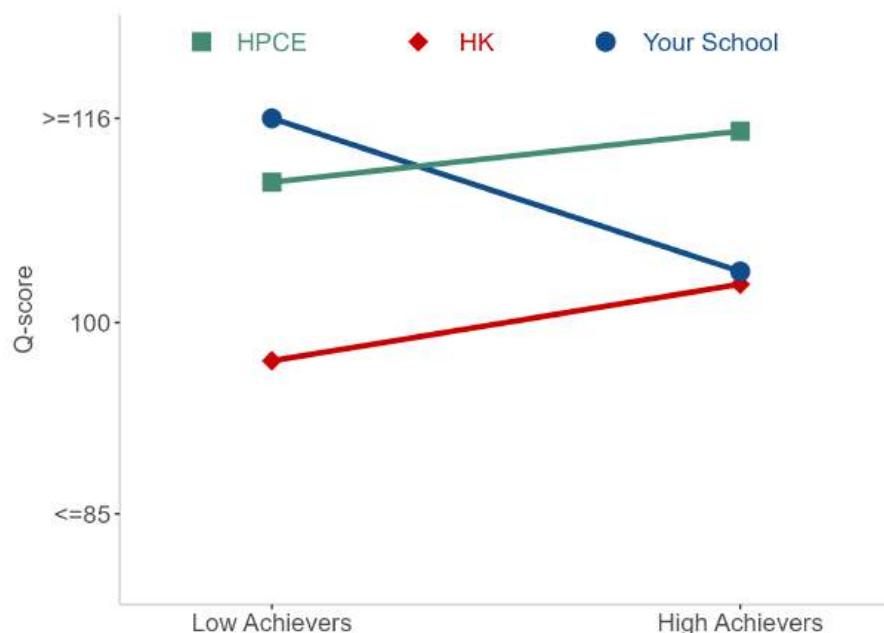
Options	Percentage
Did Not Attend	
1 Year or Less	
2 Years	
3 Years or More	

### **Overall Performance**

- Your school has Q-score 112 , P-score 78.8 .
- In HPCE, the median school Q-score is 113 , while the P-score is 80.7 .
- Recommendation (cf. HK): Very good, KEEP ON good work.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High Achievers (Attended Preprimary Education)

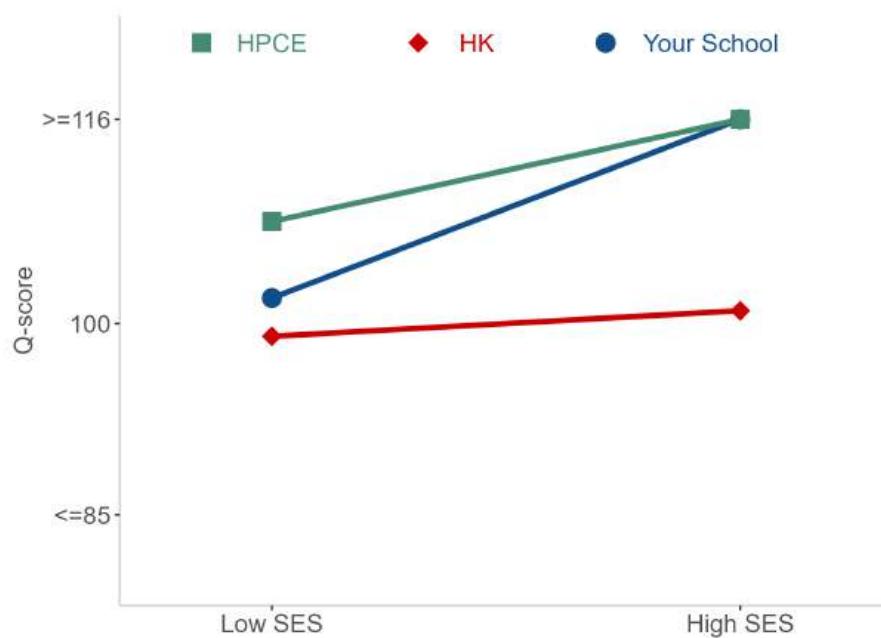
- In your school, high achievers ( Q = 104 ) LOWER THAN low achievers ( Q = 116 ).
- In HK, high achievers ( Q = 103 ) SIMILAR TO low achievers ( Q = 97 ).
- In HPCE, high achievers ( Q = 115 ) SIMILAR TO low achievers ( Q = 111 ).
- Recommendation (cf. HK): Very good, keep up the good work or slightly improve high achievers.
- Recommendation (cf. HPCE): Very good, keep up the good work or slightly improve high achievers.



	Low Achievers	High Achievers
HPCE	111	115
HK	97	103
Your School	116	104

## Difference between Low/High SES (Attended Preprimary Education)

- In your school, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 102 ).
- In HK, high SES ( Q = 101 ) SIMILAR TO low SES ( Q = 99 ).
- In HPCE, high SES ( Q = 116 ) HIGHER THAN low SES ( Q = 108 ).
- Recommendation (cf. HK): Slightly weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Slightly weak, improve particularly low SES students.



	Low SES	High SES
HPCE	108	116
HK	99	101
Your School	102	116

### Difference between Boys/Girls (Attended Preprimary Education)

- In your school, boys ( Q = 116 ) HIGHER THAN girls ( Q = 98 ).
- In HK, boys ( Q = 100 ) SIMILAR TO girls ( Q = 100 ).
- In HPCE, boys ( Q = 114 ) SIMILAR TO girls ( Q = 112 ).
- Recommendation (cf. HK): Slightly weak, improve particularly girls.
- Recommendation (cf. HPCE): Slightly weak, improve particularly girls.



	Girls	Boys
HPCE	112	114
HK	100	100
Your School	98	116

## **IX. Results: Cognitive Achievement**

## **Math Achievement (Math Ach)**

**Domains:** Cognitive Achievement

**Construct:** Math Achievement

**Descriptions:**

The TIMSS 2023 Mathematics assessment for fourth grade is divided into three content domains: Number (50%), Measurement and Geometry (30%), and Data (20%). Each topic is assessed using cognitive domains—knowing, applying, and reasoning—across different contexts.

**Number (50%):**

The number domain is fundamental in primary mathematics, covering:

- Whole Numbers (25%): Place value (up to six digits), basic operations (addition, subtraction, multiplication, and division), properties (odd/even, factors, multiples), and estimation.
- Expressions, Equations, and Relationships (15%): Understanding simple equations, number sentences with unknowns, and patterns in numbers.
- Fractions and Decimals (10%): Understanding fractions as parts of wholes, comparing and computing simple fractions and decimals.

**Measurement and Geometry (30%):** This domain helps students quantify objects and understand spatial relationships:

- Measurement (15%): Measuring length, mass, volume, and time; calculating perimeters, areas, and volumes.
- Geometry (15%): Recognizing lines, angles, and shapes; understanding symmetry; describing two- and three-dimensional figures.

**Data (20%):** In today's information age, understanding data is crucial:

- Reading and Displaying Data (10%) – Interpreting tables, graphs, and charts.
- Interpreting, Combining, and Comparing Data (10%) – Making inferences from multiple data sources.

The TIMSS achievement scores were created in 1995 using data from all countries/economies that participated that year. The average score was set at 500 to facilitate easier comparisons between countries/economies. Each 100 points on the scale represents one standard deviation.

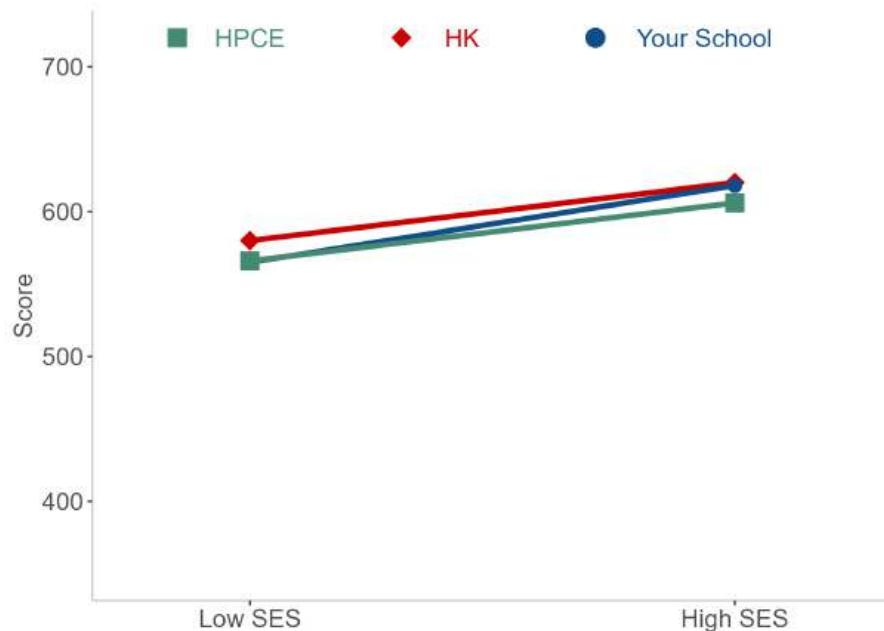
In 2023, the international average for Grade 4 Mathematics was 503, while Hong Kong achieved a score of 594.

### **Overall Performance**

- Your school has score 592 , P-score 44.7 .
- In HPCE, the median school score is 586 , while the P-score is 39.5 .
- Recommendation (cf. HK): Average, KEEP ON or IMPROVE.
- Recommendation (cf. HPCE): Average, KEEP ON or IMPROVE.

## Difference between Low/High SES (Math Ach)

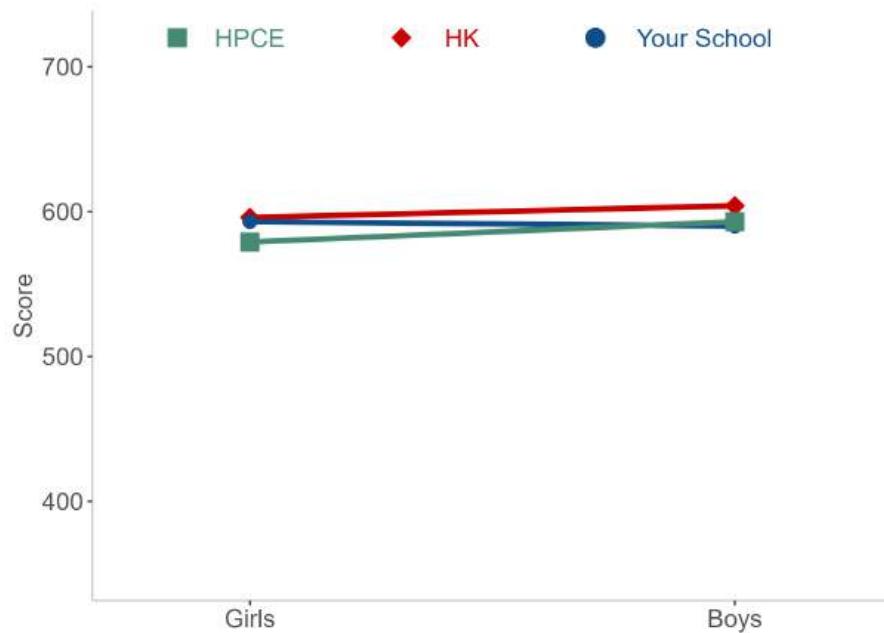
- In your school, high SES ( score = 618 ) HIGHER THAN low SES ( score = 565 ).
- In HK, high SES ( score = 620 ) HIGHER THAN low SES ( score = 580 ).
- In HPCE, high SES ( score = 606 ) HIGHER THAN low SES ( score = 566 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	566	606
HK	580	620
Your School	565	618

### Difference between Boys/Girls (Math Ach)

- In your school, boys ( score = 590 ) SIMILAR TO girls ( score = 593 ).
- In HK, boys ( score = 604 ) HIGHER THAN girls ( score = 596 ).
- In HPCE, boys ( score = 593 ) HIGHER THAN girls ( score = 579 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	579	593
HK	596	604
Your School	593	590

## Science Achievement (Sci Ach)

**Domains:** Cognitive Achievement

**Construct:** Science Achievement

**Descriptions:**

The TIMSS 2023 Science assessment for fourth grade evaluates students' understanding of key science concepts across three major content domains: Life Science, Physical Science, and Earth Science. The assessment also assesses students' cognitive abilities, including their ability to recall facts, apply knowledge to solve problems, and reason scientifically.

- Life Science (45%): Explores characteristics of living things, life cycles, interactions between organisms and their environment, ecosystems, and human health.
- Physical Science (35%): Covers the properties of matter, changes in matter, energy, forces, and motion.
- Earth Science (20%): Examines Earth's physical characteristics, resources, weather, climate, and its place in the Solar System.

The assessment evaluates students' understanding across three cognitive domains:

- Knowing (40%): Recalling facts, recognizing concepts, describing phenomena.
- Applying (40%): Using knowledge to compare, classify, solve problems, and generate explanations.
- Reasoning (20%): Analyzing data, drawing conclusions, and extending understanding to new situations.

The TIMSS achievement scores were created in 1995 using data from all countries/economies that participated that year. The average score was set at 500 to facilitate easier comparisons between countries/economies. Each 100 points on the scale represents one standard deviation.

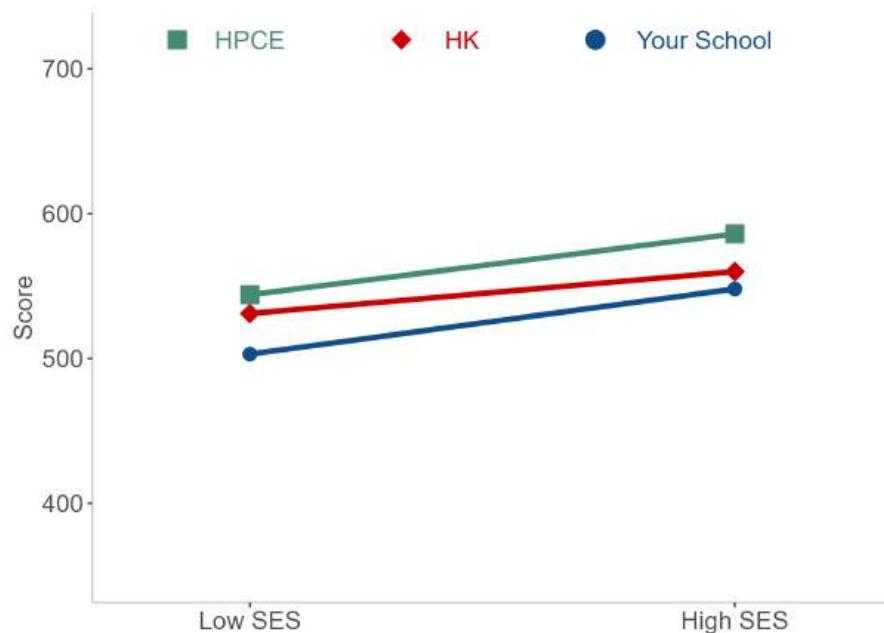
In 2023, the international average for Grade 4 Mathematics was 494, while Hong Kong achieved a score of 545.

**Overall Performance**

- Your school has score 526 , P-score 39.5 .
- In HPCE, the median school score is 565 , while the P-score is 63.1 .
- Recommendation (cf. HK): Average/slightly weak, IMPROVE.
- Recommendation (cf. HPCE): Average/slightly weak, IMPROVE.

## Difference between Low/High SES (Sci Ach)

- In your school, high SES ( score = 548 ) HIGHER THAN low SES ( score = 503 ).
- In HK, high SES ( score = 560 ) HIGHER THAN low SES ( score = 531 ).
- In HPCE, high SES ( score = 586 ) HIGHER THAN low SES ( score = 544 ).
- Recommendation (cf. HK): Weak, improve particularly low SES students.
- Recommendation (cf. HPCE): Weak, improve particularly low SES students.



	Low SES	High SES
HPCE	544	586
HK	531	560
Your School	503	548

## Difference between Boys/Girls (Sci Ach)

- In your school, boys ( score = 528 ) SIMILAR TO girls ( score = 524 ).
- In HK, boys ( score = 552 ) HIGHER THAN girls ( score = 539 ).
- In HPCE, boys ( score = 567 ) SIMILAR TO girls ( score = 562 ).
- Recommendation (cf. HK): Extremely good, keep on good work.
- Recommendation (cf. HPCE): Extremely good, keep on good work.



	Girls	Boys
HPCE	562	567
HK	539	552
Your School	524	528