SCHOOL QUESTIONNAIRE FOR PISA 2015

PAPER-BASED VERSION MAIN SURVEY VERSION

CY6_QST_MS_SCQ_PBA_Final

Core 6 November 2014

CY6_QST_MS_SCQ_PBA_Final

Dear <school administrator>,

Thank you for participating in this study. This questionnaire asks for information about:

- School background information
- School management
- Teaching staff
- Assessment and evaluation
- Targeted groups
- School climate

This information will help illustrate the similarities and differences between groups of schools in order to better establish the context for students' test results. For example, the information provided may help to establish what effect the availability of resources may have on student achievement – both within and between countries.

The questionnaire should be completed by the principal or designate. It should take about 60 minutes to complete.

For some questions specific expertise may be needed. You may consult experts to help you answer these questions.

If you do not know an answer precisely, your best estimate will be adequate for the purpose of the study.

Your answers will be kept confidential. They will be combined with answers from other principals to calculate totals and averages in which no one school can be identified.

To answer questions in this questionnaire, please consider the following definitions:

<School science> includes all <school sciences courses> referring to the domains of physics, chemistry, biology, <Earth science or geology>, <space science or astronomy>, applied sciences and technology either taught in your curriculum as separate science subjects or taught within a single 'integrated-science' subject. It does NOT include related subjects such as mathematics, psychology, economics, nor possible Earth science topics included in geography courses.

<School reminder note>

SCHOOL BACKGROUND INFORMATION	

SC001 SC001Q01TA

Which of the following definitions best describes the community in which your school is located?

(Please select one response.)

_	
A village, hamlet or rural area (fewer than 3 000 people)	\square_1
A small town (3 000 to about 15 000 people)	\square_2
A town (15 000 to about 100 000 people)	\square_3
A city (100 000 to about 1 000 000 people)	\square_4
A large city (with over 1 000 000 people)	\square_5

SC002 As at <February 1, 2015>, what was the total school enrolment (number of students)? (Please write a number on each line. Write 0 (zero) if there are none.) SC002Q01TA Number of boys: SC002Q02TA Number of girls:

SC003 SC003Q01TA

What is the average size of <test language> classes in <national modal grade for 15-year-olds> in your school?

(Please select one response.)

15 students or fewer	\square_1
16-20 students	\square_2
21-25 students	\square_3
26-30 students	\square_4
31-35 students	\square_5
36-40 students	\square_6
41-45 students	\square_7
46-50 students	\square_8
More than 50 students	\square_9

SC004 The goal of the following set of questions is to gather information about the student-computer ratio for students in the <national modal grade for 15-year-olds> at your school.

(Please write a number on each line. Write 0 (zero) if there are none.)

		Number
SC004Q01TA	At your school, what is the total number of students in the <national 15-year-olds="" for="" grade="" modal="">?</national>	
SC004Q02TA	Approximately, how many computers are available for these students for educational purposes?	
SC004Q03TA	Approximately, how many of these computers are connected to the Internet/World Wide Web?	
SC004Q04NA	Approximately, how many of these computers are portable (e.g. laptop, tablet)?	
SC004Q05NA	Approximately how many interactive whiteboards are available in the school altogether?	
SC004Q06NA	Approximately how many data projectors are available in the school altogether?	
SC004Q07NA	Approximately how many computers with internet connection are available for teachers <u>in your school?</u>	

SC053 <This academic year>, which of the following activities does your school offer to students in the <national modal grade for 15-year-olds>?

		Yes	No
SC053Q01TA	Band, orchestra or choir	\square_1	\square_2
SC053Q02TA	School play or school musical	\square_1	\square_2
SC053Q03TA	School yearbook, newspaper or magazine	\square_1	\square_2
SC053Q04TA	Volunteering or service activities, e.g. <national examples=""></national>	\square_1	\square_2
SC053Q05NA	Science club	\square_1	\square_2
SC053Q06NA	Science competitions, e.g. <national examples=""></national>	\square_1	\square_2
SC053Q07TA	Chess club	\square_1	\square_2
SC053Q08TA	Club with a focus on computers/ Information and Communication Technology	\square_1	\square_2
SC053Q09TA	Art club or art activities	\square_1	\square_2
SC053Q10TA	Sporting team or sporting activities	\square_1	\square_2
SC053Q11TA	<country item="" specific=""></country>	\square_1	\square_2

SC059 Which of the following are true for the science department of your school?

		Yes	No
SC059Q01NA	Compared to other departments, our school's <school department="" science=""> is well equipped.</school>	\square_1	\square_2
SC059Q02NA	If we ever have some extra funding, a big share goes into improvement of our <school science=""> teaching.</school>	\square_1	\square_2
SC059Q03NA	<school science=""> teachers are among our best educated staff members.</school>	\square_1	\square_2
SC059Q04NA	Compared to similar schools, we have a well-equipped laboratory.	\square_1	\square_2
SC059Q05NA	The material for hands-on activities in <school science=""> is in good shape.</school>	\square_1	\square_2
SC059Q06NA	We have enough laboratory material that all courses can regularly use it.	\square_1	\square_2
SC059Q07NA	We have extra laboratory staff that helps support <school science=""> teaching.</school>	\square_1	\square_2
SC059Q08NA	Our school spends extra money on up-to-date <school science=""> equipment.</school>	\square_1	\square_2

SC052For 15-year-old students, does your school provide the following study help?(Please select one response in each row.)YesNoSC052Q01NARoom(s) where the students can do their homework \Box_1 \Box_2 SC052Q02NAStaff help with homework \Box_1 \Box_2

SCHOOL MANAGEMENT

SC009 Below are statements about your management of this school. Please indicate the frequency of the following activities and behaviours in your school during <the last academic year>.

		Did not occur	1-2 times during the year	3-4 times during the year	Once a month	Once a week	More than once a week
SC009Q01TA	I use student performance results to develop the school's educational goals.	\square_1	\square_2	\square_3	\square_4	\square_5	\Box_6
SC009Q02TA	I make sure that the professional development activities of teachers are in accordance with the teaching goals of the school.	\square_1	\square_2	\square_3	\square_4	\square_5	\Box_6
SC009Q03TA	I ensure that teachers work according to the school's educational goals.	\square_1	\square_2	\square_3	\square_4	\square_5	\Box_6
SC009Q04TA	I promote teaching practices based on recent educational research.	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6
SC009Q05TA	I praise teachers whose students are actively participating in learning.	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6
SC009Q06TA	When a teacher has problems in his/her classroom, I take the initiative to discuss matters.	\square_1	\square_2	\square_3	\square_4	\square_5	\Box_6
SC009Q07TA	I draw teachers' attention to the importance of pupils' development of critical and social capacities.	\square_1	\square_2	\square_3	\square_4	\square_5	\Box_6
SC009Q08TA	I pay attention to disruptive behaviour in classrooms.	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6

$CY6_QST_MS_SCQ_PBA_Final$

SC009Q09TA	I provide staff with opportunities to participate in school decision-making.	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6
SC009Q10TA	I engage teachers to help build a school culture of continuous improvement.	\square_1	\square_2	\square_3	\square_4	\square_5	\Box_6
SC009Q11TA	I ask teachers to participate in reviewing management practices.	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6
SC009Q12TA	When a teacher brings up a classroom problem, we solve the problem together.	\square_1	\square_2	\square_3	\square_4	\square_5	\Box_6
SC009Q13TA	I discuss the school's academic goals with teachers at faculty meetings.	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6

SC010 Regarding your school, who has a considerable responsibility for the following tasks?

(Please select as many boxes as appropriate in each row.)

		Principal	Teachers	<school governing board></school 	<regional or local education authority></regional 	National education authority
SC010Q01T	Selecting teachers for hire	\square_1	\square_1	\square_1	\square_1	\square_1
SC010Q02T	Firing teachers	\square_1	\square_1	\square_1	\square_1	\square_1
SC010Q03T	Establishing teachers' starting salaries	\square_1	\square_1	\square_1	\square_1	
SC010Q04T	Determining teachers' salary increases	\square_1	\square_1	\square_1	\square_1	\square_1
SC010Q05T	Formulating the school budget	\square_1	\square_1	\square_1	\square_1	\square_1
SC010Q06T	Deciding on budget allocations within the school	\square_1	\square_1	\square_1	\square_1	\square_1
SC010Q07T	Establishing student disciplinary policies	\square_1	\square_1	\square_1	\square_1	
SC010Q08T	Establishing student assessment policies	\square_1	\square_1	\square_1	\square_1	\square_1
SC010Q09T	Approving students for admission to the school	\square_1	\square_1	\square_1	\square_1	\square_1
SC010Q10T	Choosing which textbooks are used	\square_1	\square_1	\square_1	\square_1	\square_1
SC010Q11T	Determining course content	\square_1	\square_1	\square_1	\square_1	\square_1
SC010Q12T	Deciding which courses are offered	\square_1	\square_1	\square_1	\square_1	\square_1

SC012 How often are the following factors considered when students are admitted to your school?

		Never	Sometimes	Always	
SC012Q01TA	Student's record of academic performance (including placement tests)	\square_1	\square_2	\square_3	
SC012Q02TA	Recommendation of feeder schools	\square_1	\square_2	\square_3	
SC012Q03TA	Parents' endorsement of the instructional or religious philosophy of the school	\square_1	\square_2	\square_3	
SC012Q04TA	Whether the student requires or is interested in a special programme	\square_1	\square_2	\square_3	
SC012Q05TA	Preference given to family members of current or former students	\square_1	\square_2	\square_3	
SC012Q06TA	Residence in a particular area	\square_1	\square_2	\square_3	
SC012Q07TA	Other	\square_1	\square_2	\square_3	

SC013 Is your school a public or a private school?

SC013Q01TA	(Please select one response.)	
	A public school	
	(This is a school managed directly or indirectly by a public education authority, government agency, or governing board appointed by government or elected by public franchise.)	\square_1
	A private school	
	(This is a school managed directly or indirectly by a non-government organisation; e.g. a church, trade union business or other private institution)	\square_2

SC014 What kind of organisation runs your school?

 (Please select one response.)

 A church or other religious organisation
 \Box_1

 Another not-for-profit organisation
 \Box_2

 A for-profit organisation
 \Box_3

SC016 About what percentage of your total funding for a typical school year comes from the following sources?

(Please write a number in each line. Write 0 (zero) if no funding comes from that source.)

			%
SC016Q01TA	Government (includes departments, local, regional, state national)	e and	
SC016Q02TA	Student fees or school charges paid by parents		
SC016Q03TA	Benefactors, donations, bequests, sponsorships, parent fundraising		
SC016Q04TA	Other		
		Total	100%

SC017 Is your school's capacity to provide instruction hindered by any of the following issues?

		Not at all	Very little	To some extent	A lot	
SC017Q01NA	A lack of teaching staff.	\square_1	\square_2	\square_3	\square_4	
SC017Q02NA	Inadequate or poorly qualified teaching staff.	\square_1	\square_2	\square_3	\square_4	
SC017Q03NA	A lack of assisting staff.	\square_1	\square_2	\square_3	\square_4	
SC017Q04NA	Inadequate or poorly qualified assisting staff.	\square_1	\square_2	\square_3	\square_4	
SC017Q05NA	A lack of educational material (e.g. textbooks, IT equipment, library or laboratory material).	\square_1	\square_2	\square_3	\square_4	
SC017Q06NA	Inadequate or poor quality educational material (e.g. textbooks, IT equipment, library or laboratory material).	\square_1	\square_2	\square_3	\square_4	
SC017Q07NA	A lack of physical infrastructure (e.g. building, grounds, heating/cooling, lighting and acoustic systems).	\square_1	\square_2	\square_3	\square_4	
SC017Q08NA	Inadequate or poor quality physical infrastructure (e.g. building, grounds, heating/cooling, lighting and acoustic systems).	\square_1	\square_2	\square_3	\square_4	

TEACHING STAFF

SC018 How many of the following teachers are on the staff of your school?

Include both full-time and part-time teachers. A full-time teacher is employed at least 90% of the time as a teacher for the full school year. All other teachers should be considered part-time. Regarding the qualification level, please refer only to the teacher's highest qualification level.

(Please write a number in each space provided. Write 0 (zero) if there are none.)

		Full-time	Part-time
SC018Q01TA	Teachers in TOTAL		
SC018Q02TA	Teachers <fully certified=""> by <the appropriate="" authority=""></the></fully>		
SC018Q05NA	Teachers with an <isced 5a<br="" level="">Bachelor degree> qualification</isced>		
SC018Q06NA	Teachers with an <isced 5a<br="" level="">Master's degree> qualification</isced>		
SC018Q07NA	Teachers with an <isced 6="" level=""> qualification</isced>		

SC019 How many of the following teachers are on the <school science> staff of your school?

Include both full-time and part-time teachers. A full-time teacher is employed at least 90% of the time as a teacher for the full school year. All other teachers should be considered part-time.

(Please write a number in each space provided. Write "0" (zero) if there are none.)

		Full-time	Part-time
SC019Q01NA	<school science=""> teachers in TOTAL</school>		
SC019Q02NA	<school science=""> teachers <fully certified=""> by <the appropriate="" authority=""></the></fully></school>		
SC019Q03NA	<school science=""> teachers with an <isced 5a="" higher="" level="" or=""> qualification <with a="" major=""> in <school science=""></school></with></isced></school>		

SC025 During the last three months, what percentage of teaching staff in your school has attended a programme of professional development?

A programme of professional development here is a formal programme designed to enhance teaching skills or pedagogical practices. It may or may not lead to a recognised qualification. The programme must last for at least one day in total and have a focus on teaching and education.

(Please write the appropriate percentage in each line. If none of your teachers participated in any professional development activities write "0" (zero).)

SC025Q01NA	All teaching staff at your school	
SC025Q02NA	Science teaching staff at your school	

SC027 Which of the following types of in-house professional development exist at your school?

(Please select one response in each row.)

		Yes	No
SC027Q01NA	The teachers in our school cooperate by exchanging ideas or material when teaching specific units or series of lessons.		\square_2
SC027Q02NA	Our school invites specialists to conduct in-service training for teachers.	\square_1	\square_2
SC027Q03NA	Our school organises in-service workshops which deal with specific issues that our school faces.	\square_1	\square_2
SC027Q04NA	Our school organises in-service workshops for specific groups of teachers (e.g. newly appointed teachers).	\square_1	\square_2

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ASSESSMENT AND EVALUATION	

SC032 During <the last academic year>, have any of the following methods been used to monitor the practice of teachers at your school?

		Yes	No
SC032Q01TA	Tests or assessments of student achievement	\square_1	\square_2
SC032Q02TA	Teacher peer review (of lesson plans, assessment instruments, lessons)	\square_1	\square_2
SC032Q03TA	Principal or senior staff observations of lessons	\square_1	\square_2
SC032Q04TA	Observation of classes by inspectors or other persons external to the school	\square_1	\square_2

SC034 Generally, in your school, how often are students in <national modal grade for 15-year-olds> assessed using the following methods?

		Never	1-2 times a year	3-5 times a year	Monthly	More than once a month
SC034Q01NA	Mandatory <standardised tests="">, e.g. <country example="" specific=""></country></standardised>	\square_1	\square_2	\square_3	\square_4	\square_5
SC034Q02NA	Non-mandatory <standardised tests=""> (e.g. publicly or commercial available standardised test material like <country specific example>)</country </standardised>	\Box_1	\square_2	\square_3	\square_4	\square_5
SC034Q03TA	Teacher-developed tests	\square_1	\square_2	\square_3	\square_4	\square_5
SC034Q04TA	Teachers' judgmental ratings	\square_1	\square_2	\square_3	\square_4	\square_5

Please only answer this question, if you use <standardised tests> and/or teacher-developed tests at your school.

SC035

In your school, are <standardised tests> and/or teacherdeveloped tests of students in <national modal grade for 15-year-olds> used for any of the following purposes?

(Please select either "yes" or "no" to indicate the use of <standardised tests> and teacher-developed tests for each of the specified purposes.)

		<standard< th=""><th colspan="2"><standardised tests=""></standardised></th><th>leveloped sts</th></standard<>	<standardised tests=""></standardised>		leveloped sts
		Yes	No	Yes	No
SC035Q01N	To guide students' learning	\square_1	\square_2	\square_1	\square_2
SC035Q02T	To inform parents about their child's progress	\square_1	\square_2	\square_1	\square_2
SC035Q03T	To make decisions about students' retention or promotion	\square_1	\square_2	\square_1	\square_2
SC035Q04T	To group students for instructional purposes	\square_1	\square_2	\square_1	\square_2
SC035Q05T	To compare the school to <district national="" or=""> performance</district>	\square_1	\square_2	\square_1	\square_2
SC035Q06T	To monitor the school's progress from year to year	\square_1	\square_2	\square_1	\square_2
SC035Q07T	To make judgements about teachers' effectiveness	\square_1	\square_2	\square_1	\square_2
SC035Q08T	To identify aspects of instruction or the curriculum that could be improved	\square_1	\square_2	\square_1	\square_2
SC035Q09N	To adapt teaching to the students' needs	\square_1	\square_2	\square_1	\square_2
SC035Q10T	To compare the school with other schools	\square_1	\square_2	\square_1	\square_2
SC035Q11N	To award certificates to students	\square_1	\square_2	\square_1	\square_2

SC036 In your school, are achievement data used in any of the following <accountability procedures>?

Achievement data include **aggregated** school or grade-level test scores or grades, or graduation rates.

		Yes	No	
SC036Q01TA	Achievement data are posted publicly (e.g. in the media)	\square_1	\square_2	
SC036Q02TA	Achievement data are tracked over time by an administrative authority	\square_1	\square_2	
SC036Q03NA	Achievement data are provided directly to parents	\square_1	\square_2	

SC037 Do the following arrangements aimed at quality assurance and improvements exist in your school and where do they come from?

		Yes, this is mandatory, e.g. based on district or ministry policies	Yes, based on school initiative	No	
SC037Q01TA	Internal evaluation/Self-evaluation	\square_1	\square_2	\square_3	
SC037Q02TA	External evaluation	\square_1	\square_2	\square_3	
SC037Q03TA	Written specification of the school's curricular profile and educational goals	\Box_1	\square_2	\square_3	
SC037Q04TA	Written specification of student performance standards	\square_1	\square_2	\square_3	
SC037Q05NA	Systematic recording of data such as teacher or student attendance and professional development	\Box_1	\square_2	\square_3	
SC037Q06NA	Systematic recording of student test results and graduation rates	\square_1	\square_2	\square_3	
SC037Q07TA	Seeking written feedback from students (e.g. regarding lessons, teachers or resources)	\Box_1	\square_2	\square_3	
SC037Q08TA	Teacher mentoring	\square_1	\square_2	\square_3	
SC037Q09TA	Regular consultation aimed at school improvement with one or more experts over a period of at least six months	\Box_1	\square_2	\square_3	
SC037Q10NA	Implementation of a standardised policy for science subjects (i.e. school curriculum with shared instructional materials accompanied by staff development and training)	\square_1	\square_2	\square_3	

Please only answer this question if there was at least one internal evaluation at your school.

SC040 Based on your last internal school evaluation results, did your school implement any measures in the following areas?

		Yes	No, because results were satisfactory	No, for other reasons
SC040Q02NA	Educational staff (e.g. workload, personal requirements, qualifications)	\square_1	\square_2	\square_3
SC040Q03NA	Implementation of the curriculum	\square_1	\square_2	\square_3
SC040Q05NA	Quality of teaching and learning	\square_1	\square_2	\square_3
SC040Q11NA	Parental engagement in school	\square_1	\square_2	\square_3
SC040Q12NA	Teacher professional development	\square_1	\square_2	\square_3
SC040Q15NA	Student achievement	\square_1	\square_2	\square_3
SC040Q16NA	Students' cross-curricular competencies	\square_1	\square_2	\square_3
SC040Q17NA	Equity in school	\square_1	\square_2	\square_3

Please only answer this question if there was at least one external evaluation at your school.

SC041 Thinking about the last external evaluation in your school: do the following statements apply?

		Yes	No
SC041Q01NA	The results of external evaluations led to changes in school policies.	\square_1	\square_2
SC041Q03NA	We used the data to plan specific action for school development.	\square_1	\square_2
SC041Q04NA	We used the data to plan specific action for the improvement of teaching.	\square_1	\square_2
SC041Q05NA	We put measures derived from the results of external evaluations into practice promptly.	\square_1	\square_2
SC041Q06NA	The impetus triggered by the external evaluation "disappeared" very quickly at our school.	\square_1	\square_2

TARGETED GROUPS

SC042	Some schools organise instruction differently for students with different abilities.				
	What is your school's policy about this for students in <national 15-year-olds="" for="" grade="" modal="">?</national>				
	(Please select one response in each row.)				
		For all subjects	For some subjects	Not for any subjects	
SC042Q01TA	Students are grouped by ability into different classes.	\square_1	\square_2	\square_3	
SC042Q02TA	Students are grouped by ability within their classes.	\square_1	\square_2	\square_3	

Please estimate the percentage of students in <national modal grade for 15-year-olds> at your school who have the following characteristics. (Please consider that students may fall into multiple categories.) (Please write the appropriate percentage in each line.) Students whose <heritage language> is different from <test language> SCO48QO2NA Students with special needs SCO48QO3NA Students from socioeconomically disadvantaged homes

SCHOOL CLIMATE

SC061 In your school, to what extent is the learning of students hindered by the following phenomena?

		Not at all	Very little	To some extent	A lot
SC061Q01TA	Student truancy	\square_1	\square_2	\square_3	\square_4
SC061Q02TA	Students skipping classes	\square_1	\square_2	\square_3	\square_4
SC061Q03TA	Students lacking respect for teachers	\square_1	\square_2	\square_3	\square_4
SC061Q04TA	Student use of alcohol or illegal drugs	\square_1	\square_2	\square_3	\square_4
SC061Q05TA	Students intimidating or bullying other students	\square_1	\square_2	\square_3	\square_4
SC061Q06TA	Teachers not meeting individual students' needs	\square_1	\square_2	\square_3	\square_4
SC061Q07TA	Teacher absenteeism	\square_1	\square_2	\square_3	\square_4
SC061Q08TA	Staff resisting change	\square_1	\square_2	\square_3	\square_4
SC061Q09TA	Teachers being too strict with students	\square_1	\square_2	\square_3	\square_4
SC061Q10TA	Teachers not being well prepared for classes	\square_1	\square_2	\square_3	\square_4

SC063 Do the following statements about parental involvement apply to your school?

		Yes	No
SC063Q02NA	Our school provides a welcoming and accepting atmosphere for parents to get involved.	\square_1	\square_2
SC063Q03NA	Our school designs effective forms of school-to-home and home-to-school communications about school programmes and children's progress.	\square_1	\square_2
SC063Q04NA	Our school includes parents in school decisions.	\square_1	\square_2
SC063Q06NA	Our school provides information and ideas for families about how to help students at home with homework and other curriculum-related activities, decisions, and planning.		\square_2
SC063Q07NA	Our school identifies and integrates resources and services from the community to strengthen school programmes, family practices, and student learning and development.	\square_1	\square_2
SC063Q09NA	There is a <national, district="" legislation="" or="" state,=""> on including parents in school activities.</national,>	\square_1	\square_2

SC064 During <the last academic year>, what proportion of students' parents participated in the following school-related activities?

(Please write a number in each row. Write 0 (zero) if no parents participated in the activity. Write 100 (one hundred) if all parents participated in the activity.)

		%
SC064Q01TA	Discussed their child's progress with a teacher on their own initiative	
SC064Q02TA	Discussed their child's progress on the initiative of one of their child's teachers	
SC064Q03TA	Participated in local school government, (e.g. parent council or school management committee)	
SC064Q04NA	Volunteered in physical or extra-curricular activities (e.g. building maintenance, carpentry, gardening or yard work, school play, sports, field trip)	

Thank you very much for your co-operation in completing this questionnaire!