



The International School
of The Hague

The International School of The Hague
ISH MYP STUDENT GUIDE



Table of Contents

	Page
1. International School of The Hague (ISH) Mission and ISH Community Profile	3
2. Introduction to the International Baccalaureate (IB) Middle Years Programme (MYP)	4
3. MYP core	5
3.1. Approaches to learning skills (ATL)	5
3.2. Global contexts	6
3.3. Interdisciplinary learning	8
3.4. Service and action	9
3.5. The personal project	9
4. Teaching and learning in the MYP	12
5. Assessment and student reports in the MYP	13
5.1. Principles of MYP assessment	13
5.2. MYP assessment criteria	13
5.3. Communicating MYP assessment information and results	14
5.4. Reporting student progress	14
5.5. Promotion to the next academic year	17
5.6. ISH MYP Certificate	17
6. Subject groups in the MYP	18
6.1. Arts	18
6.2. Design	21
6.3. Individuals and societies	23
6.4. Language acquisition	27
6.5. Language and literature	31
6.6. Mathematics	34
6.7. Physical and health education	36
6.8. Sciences	38
7. The Pathfinder Programme	42
8. Academic integrity	46
9. Homework	47
10. MYP command terms	48
10.1. MYP command terms in Year 7	
10.2. MYP command terms in Years 8-11	
11. MYP glossary	
12. Further guidance and information	
13. References	

1. The International School of The Hague (ISH)

Mission and ISH Community Profile



The International School
of The Hague

ISH Community Profile

The International School of The Hague Community Profile is used to promote intercultural learning and develop global citizenship. It is based on the IB Learner Profile, the concept of international mindedness, the IPC Personal Goals and the ISH Guiding Statements. Different departments in the school are encouraged to develop subject-specific and/or age-appropriate adaptations for the attributes in the profile.

At ISH we are global citizens who strive to be:

Curious, connected and compassionate!

Creative



We value creative processes and innovation even when the results are unpredictable and surprising. We create ideas individually and in diverse groups across the whole range of subjects and beyond. We respect and celebrate the creativity arising from our different cultural backgrounds.

Principled



We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.

Resilient



We persevere with a task, are capable of acknowledging disappointment and adapting when we are not successful straight away. We strive to achieve the best possible outcomes and support each other. We welcome the learning opportunities provided by difficulties and challenges.

Open-minded



We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.

Inquirers



We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.

Caring



We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.

Knowledgeable



We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.

Risk-takers



We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.

Thinkers



We use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.

Balanced



We understand the importance of balancing different aspects of our lives - intellectual, physical, and emotional - to achieve well-being for ourselves and others. We recognise our interdependence with other people and with the world in which we live.

Communicators



We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.

Reflective



We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

2. Introduction to the International Baccalaureate (IB) Middle Years Programme (MYP)

The International Baccalaureate (IB) Middle Years Programme (MYP) is an international programme for students aged 11 to 16. It provides you with a broad and balanced education, constantly encourages you to make connections between what you learn in the classroom and the world beyond school, and challenges you to apply your skills in new situations and contexts. By developing these attitudes and skills, the MYP prepares you for the future, to become an active global citizen who cares about the natural and built environments, and in making a positive difference to the lives of others. The MYP also prepares you for the IB Diploma Programme (DP) and Career-related Programme (CP), which are the IB programmes for students aged 16 to 19.

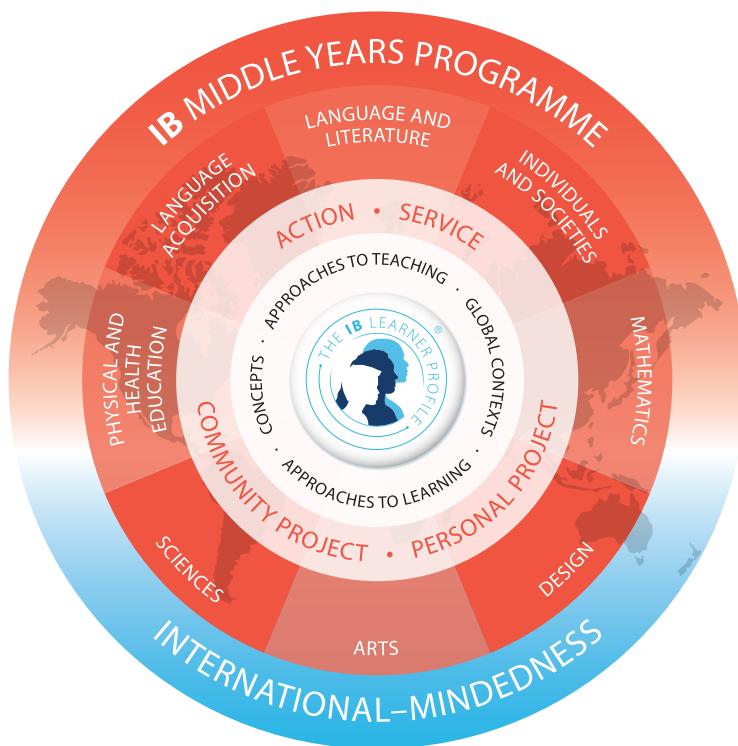
International Baccalaureate Mission Statement

The International Baccalaureate® aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment.

These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

The MYP curriculum model below illustrates the key elements of the programme:



3. MYP Core

No matter which MYP school you attend in the world, the MYP core elements remains the same! The MYP core holds the curriculum together and helps you to develop skills that cross subject boundaries. It helps you to see how everything is connected and gives you opportunities to put your learning into practice in a way that is meaningful to you. All teaching and learning in the MYP connects with the MYP Core.

3.1. Approaches to learning skills (ATL)

In all your MYP classes you will work on developing essential skills that will help you become better at communicating your learning , being organised, working with others, finding and evaluating information, and alaysing ideas – to name just a few ATL skills practiced in the MYP. Of course, you will also learn to use technology effectively for learning. The following ATL skill categories and clusters are practiced in all MYP subjects in a way that is relevant in each subject and discipline:





3.2. Global contexts

All learning in all subjects in the MYP is connected to one of six global contexts, which are big ideas that make learning in the MYP relevant, alive, and engaging. These global contexts help teachers link your learning to topics that are currently in the news all around the world – what is being discussed in newspapers and social media, and what governments, international organisations, and local initiatives are working on right now. The six global contexts are: identities and relationships, orientation in space and time, personal and cultural expression, scientific and technical innovation, globalisation and sustainability, and fairness and development. Each global context is connected to even bigger themes of our shared humanity and guardianship of our planet.



MYP Global Contexts

Identities and relationships
Who am I? Who are we?

Orientation in space and time
What is the meaning of “where” and “when”?

Personal and cultural expression
What is the nature and purpose of creative expression?

Scientific and technical innovation
How do we understand the world in which we live?

Globalization and sustainability
How is everything connected?

Fairness and development
What are the consequences of our common humanity?

Developed at the International School of The Hague, 2019



Here are just a few sample questions for each global context that are explored in our MYP classes:

Identities and relationships

What makes me unique?
What do we all have in common regardless of where we come from?

What are the conditions that give rise to genocide?

Can anyone become an elite athlete?

Can stories set our moral compass?

Personal and cultural expression

How can I create a dance performance that reflects who I am?

Can one civilisation be better than another?

Is art more inspiration or calculation?

How do we define beauty?

Orientation in space and time

How do societies (like the Netherlands) adapt to natural processes?

Should theatre be used to expose hypocrisy in society?

How has our understanding of the atom changed over time?

Why is positional awareness important in team sports?

Scientific and technical innovation

Is technological and scientific development the same as progress?

Is it possible to predict future events?

Is there mathematical order in the natural world?

Does digital technology connect us or set us apart?

Globalisation and sustainability

How can we design products for reuse in the circular economy?

Is our level of consumption of resources sustainable?

Why do animals need protection?

Is Earth too crowded?

Fairness and development

What effect does global interaction have on different countries?

How can we prevent the spread of infectious diseases?

Do our actions really make a difference?

Should genetically modified organisms be used in food production?



3.3. Interdisciplinary learning

The world is not divided into neat subject areas with distinct boundaries, and neither is learning in the MYP. In each year of the programme, you will engage in at least one interdisciplinary learning project which is planned collaboratively by teachers and assessed using special assessment criteria.

Our current interdisciplinary learning includes these formally assessed units:

The Year 7 interdisciplinary unit is a collaboration between digital design and physical and health education. In this unit, students produce a digital tool that allows them to gather data on sporting performance during a game of Korfball. Once data is collected, students analyse the data and suggest specific strategies for how improvements could be made to performance in areas that the data highlights. These strategies are then communicated as a practice and training routine.

The Year 8 interdisciplinary unit is a collaboration between mathematics, visual art and design. Students study geometric transformations and develop tessellating patterns that are then used to create unique works in both visual arts and product design. Prior to producing their work, students visit the Escher Museum in The Hague in order to gain inspiration about how mathematical concepts can be incorporated into art. Following this, mathematics associated with reflection, rotation and translation is learned, as well as strategies and techniques to create templates for prints in art and design.

The Year 9 interdisciplinary unit is a collaboration between two subject groups: English and Integrated Humanities. Students study the causes of conflict, both historical (World War One) and current (The Arab Spring), and how these have changed over time. They will also try and predict the causes of future war based on this information as well as issues that face the world today. Using these ideas and research students will write a story set in the near future and explore some likely outcomes of this conflict.

The Year 10 interdisciplinary unit is a collaboration between science and mathematics. Students face a range of collaborative practical challenges that involve a theme and a problem to be solved. Using mathematics and science, strategies to solve these problems are planned and applied in laboratories. The strengths and limitations of solutions are reflected upon and added to a presentation that communicates their challenge and solution to other students and teachers.

The Year 11 interdisciplinary unit is a collaboration between individuals and societies and science. This unit involves exploring systems thinking and the broader implications of scientific change on local and global communities. Students are required to create a society as well as personas of those who live within it, and consider how these individuals might be impacted by change in the short and long term. The impacts are explored from a range of perspectives such as economic, environmental and ethical perspectives.

Teachers assess interdisciplinary learning in the MYP using the following criteria:

- Criterion A: Evaluating
- Criterion B: Synthesising
- Criterion C: Reflecting



3.4. Service and action

Service and action is about becoming a caring member of local and global communities through learning by doing. Service and action helps you to reflect on your strengths and interests, and use your skills and aptitudes to make a positive difference in the world around you. You can choose what kind of activities to get involved in, and whether you want to work on your projects independently or with others, depending on the goal of your action. Ideas for action are often connected to the curriculum, but you can also engage in projects that interest you outside of the school curriculum. After each service and action activity, you are asked to reflect on your experience and your learning. Through your service and action engagement you will learn valuable lessons and experiences:

- ▶ Become more aware of your own strengths and areas for growth
- ▶ Undertake challenges that develop new skills
- ▶ Discuss, evaluate, and plan new activities
- ▶ Persevere in your actions
- ▶ Work collaboratively with others
- ▶ Develop international-mindedness
- ▶ Consider the ethical implications of your actions.

9

Examples of current service and action activities include: Shoe Box Charity, Project Kenya, Student Council, TedX, Primary School Mother-tongue volunteers and Global Issues Network (GIN). Our MYP service and action coordinator and mentors help you find activities that match your interests and the skills you want to develop. You can find out further information about the MYP service and action requirements from your mentor. You can also find more detailed guidance in ManageBac under 'Files'.

3.5. The Personal project

The personal project is a culminating experience in the MYP that you complete in your final year in the programme. It is an extensive independent piece of work which offers you the opportunity to explore a topic that is of personal interest to you in depth. You work on your personal project outside your normal lessons, and are supported and guided by a teacher supervisor throughout the process. The personal project consists of three components: a process journal, a product/outcome, and a project report. Personal projects are moderated by the International Baccalaureate, and you will receive a course certificate from the IB with your final IB-validated personal project grade upon completion of the project.

Your personal project can take on many forms, depending on your topic and personal preferences. It can, for example, be an original artistic creation, an original science experiment, a design project, a website, a business plan, an awareness-raising campaign, an event, or an academic paper. When you start your personal project, you will identify a clear learning goal (something you want to learn) and a product/outcome (something you will create). When keeping your process journal and when writing your report, you will reflect on ATL skills that have helped you achieve your learning goal and create your product/outcome.



Towards the end of the personal project process you will have an opportunity to present your project to your family, friends, and the rest of the school community in the personal project exhibition which takes place in December. The purpose of the exhibition is to share learning experiences, celebrate the diversity of projects on display, and to inspire life-long learning among our ISH community. It is also an opportunity for you to get valuable feedback on your project before the final stages of the personal project process.

Examples of personal projects that our students have completed recently include:

- ▶ Choreograph and perform a dance in the Indian dance form, Odissi, explaining to the audience the correlation between the philosophy of dance and the aesthetic expression
- ▶ Conduct a series of experiments investigating how the principles of physics affect middle-distance running and create a book of findings
- ▶ Research a classical style of art and make a piece that stays true to the style and depicts religious and societal symbols of the time
- ▶ Study the extent that economic development throughout the imperial period in China influenced the evolution of women's casual clothing and create a pop-up book showing the evolution of fashion
- ▶ Lead a series of workshops to teach my peers the programming language of Python
- ▶ Document the legacy of the war in Bosnia through a series of interviews and photographs
- ▶ Design and construct a functioning aquaponics model, as an environmentally sustainable alternative to conventional agriculture
- ▶ Analyse aspects of three significant historical events in European history through family records, interviews and external sources, to create an overview of how these events shaped my Dutch identity and culture
- ▶ Live zero-waste for 50 days and create a documentary of my experience
- ▶ Raise awareness of the plastic that we waste at school by creating a sculpture out of plastic bottles found at school and displaying it
- ▶ Document the effects of war on the children in a refugee camp in Turkey and use my film to raise awareness and donations for the camp
- ▶ Research how colonisation and immigration has influenced Canada's popular desserts and film myself cooking a dessert from each province of Canada
- ▶ Promote kart racing to girls by training someone with minimal experience for a national championship



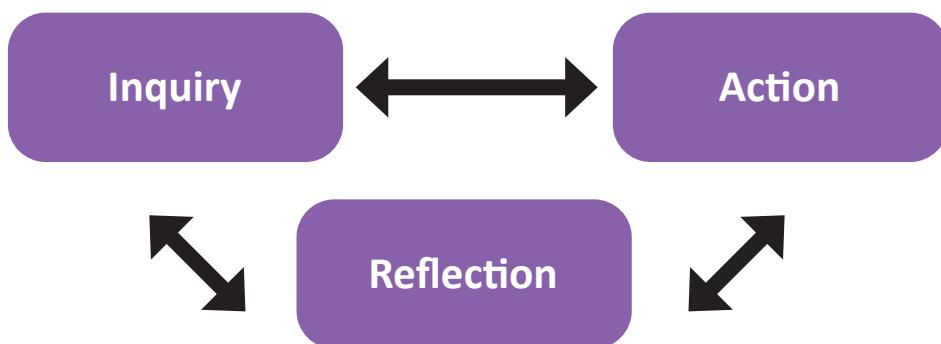
- ▶ Modernise the national dress of Finland by investigating the current Finnish fashion trends, clothing template design and what it is about the original national dress that teenagers do not find attractive
- ▶ Write and illustrate a children's book which discusses moving countries, and exploring the impact of these transitions

For more information about the personal project, please contact our personal project coordinator, Ms Foster (a.foster@ishthehague.nl).

4. Teaching and learning in the MYP



Teaching and learning in the MYP is student-centred and inquiry-based. This means that teachers plan learning so that it connects with what you already know and so that you can progress in your learning in a flexible way that fits in with your strengths, preferences, and individual pace of learning. Sometimes you will also have a say in what you learn or how you show your learning. Each topic (unit of work) in the MYP follows an inquiry cycle in which you inquire, take action, and reflect on your learning either individually or collaboratively in pairs or groups.



12

Image source: MYP: From Principles into Practice (IB publication, 2014)

Inquiry often starts by asking open questions about things that matter to you or things that you are interested in. It leads to research and finding out about things you did not know before and selecting and evaluating sources of information as you proceed in your investigation. As you investigate, you form a better idea of the problem that you want to solve or the challenge you want to meet, which leads to formulating a goal and/or a hypothesis for your inquiry, as well as an action plan.

Action is based on inquiry. It can take many different forms, for example conducting a science experiment, creating a product, writing a report or a proposal, designing a movement sequence, building a model, writing a role-play, or preparing a presentation. Through action you build your understanding and put into practice your learning in a real-world task.

Reflection means thinking hard about your learning. What went well? How did you meet the challenges you came across? What would you do differently next time? What ATL skills did you develop? What skills do you need to focus on developing further? What ISH Community Profile attributes do you still need to work on? Reflection helps you become a better learner.

5. Assessment and reporting in the MYP



5.1. Principles of MYP assessment

The main purpose of assessment in the MYP is to give you feedback on your learning so that you know what you can do to progress further. Assessment in the MYP is ongoing, criterion-related, and it can take place in many different ways.

MYP assessment is ongoing

The MYP at ISH does not prepare you for an external exam at the end of Year 11. Teachers assess your skills, knowledge and understanding continuously as you work through units of work in all your subjects. All assessments are prepared and marked by our teachers. Teachers give you feedback to help you improve (formative assessment) and also give you numerical marks against the MYP assessment criteria.

MYP assessment is criterion-related

In the MYP teachers do not compare you to other students in the class. They assess the work you produce against a set of criteria provided by the IB. Every subject has four criteria: A, B, C and D, which are all equally important. Teachers assess you against all these criteria at least twice a year. This is called summative assessment. Before each criterion-related assessment, teachers will explain what you have to do to show your learning in each criterion.

13

MYP assessment happens in many different ways

Assessments in the MYP are not just tests and essays. Teachers assess students through various real-world tasks, such as presentations, portfolios, interviews, research projects, laboratory reports, and creative pieces of work. Sometimes you can choose what form your assessment takes.

MYP assessment includes self-assessment and peer-assessment

Assessing your own progress against the MYP criteria is part of student reflection in the MYP. It helps you to plan and set goals for your learning. In peer-assessment you support the learning of another student, which in turn helps you to develop your own independent-learner skills.

5.2. MYP assessment criteria

You can find a summary of all MYP assessment criteria below. Each criterion (A, B, C and D) are weighted equally, as they are equally important. For each criterion your achievement level can range from 0 to 8, the highest possible achievement level being 8. You can see the MYP inquiring cycle as well as subject-group specific groups are closely visible in the assessment criteria.

Arts	Criterion A Knowing and understanding	Criterion B Developing skills	Criterion C Thinking creatively	Criterion D Responding
Design	Inquiring and analysing	Developing ideas	Creating a solution	Evaluating
Individuals and societies	Knowing and understanding	Investigating	Communicating	Thinking critically
Language acquisition	Listening	Reading	Speaking	Writing
Language and literature	Analysing	Organising	Communicating	Using language



Mathematics	Knowing and understanding	Investigating patterns	Communicating	Applying mathematics in real-life contexts
Physical and health education	Knowing and understanding	Planning for performance	Applying and performing	Reflecting and improving performance
Sciences	Knowing and understanding	Inquiring and designing	Processing and evaluating	Reflecting on the impacts of science
Interdisciplinary learning	Evaluating	Synthesising	Reflecting	
Personal project (Year 11)	Planning	Applying skills	Reflecting	

5.3. Communicating MYP assessment information and results

In addition to communicating with you directly about your assessments, teachers also use Managebac to communicate MYP assessment information. Teachers post assessments on the Managebac calendar at least two weeks prior to the assessment or assessment deadline. This will include detailed information about the assessment and criteria used to assess the task. You can find the results of all your assessments as well as your teacher's written feedback on ManageBac within two weeks of the deadline. You and your parents can track your progress against the MYP criteria across the years and find other up-to-date assessment information on Managebac at any time.

14

5.4. Reporting student progress

MYP students receive four school reports during each academic year. Below you can see what is included in each report:

MYP progress report in November:

- ▶ Behaviours for learning feedback
- ▶ Progress grade for each MYP subject
- ▶ Progress towards meeting service and action requirements

Full MYP report in January/February:

- ▶ Behaviours for learning feedback
- ▶ Achievement levels (0-8) for all criteria in all MYP subjects
- ▶ Overall IB grade (1-7) for all MYP subjects
- ▶ Progress towards meeting service and action requirements

Interim grade report in April:

- ▶ Behaviours for learning feedback
- ▶ Achievement levels (0-8) for all criteria in all MYP subjects
- ▶ Overall IB grade (1-7) for all MYP subjects
- ▶ Progress towards meeting service and action requirements



MYP End-of-year report in July:

- ▶ Behaviours for learning feedback
- ▶ Final achievement levels (0-8) for all criteria in all MYP subjects
- ▶ Final overall IB grade (1-7) for all MYP subjects
- ▶ Progress towards meeting service and action requirements

Behaviours for learning feedback include:

- ▶ *Bringing required materials to lessons*
- ▶ *Meeting ISH learning expectations*
- ▶ *Meeting deadlines*
- ▶ *Behaving in a responsible, respectful, and safe manner*

Teachers use the following **descriptors** to assess behaviours for learning:

- ▶ *Consistently*
- ▶ *Usually: requires further improvement*
- ▶ *Occasionally: requires significant improvement*

November MYP progress report uses the following **progress descriptors** for each subject:

- ▶ **VG** (Very good): exceeding expectations consistently
- ▶ **G** (Good): meeting expectations
- ▶ **S** (Satisfactory): meeting expectations with few exceptions
- ▶ **NI** (Needs improvement): not meeting expectations often enough
- ▶ **NA**: not assessed

Determining the achievement level (0-8) in each MYP criteria for grade reports:

Teachers use their professional judgement to award students an achievement level that best corresponds to their current level of attainment in the criterion at the end of the reporting period. Teachers base their decisions on summative assessments as well as evidence from supporting formative assessments and ongoing student work.

Calculating the overall IB grade (1-7) for each subject:

The overall IB grade in each subject is calculated by adding up the achievement level of each criterion (A, B, C and D) and using the MYP grade conversion table to convert the total to an IB grade. The lowest IB grade is 1 and the highest is 7. Please see the table on the next page for grade boundaries.



Overall MYP grading scale (1-7) and general grade descriptors for all subjects:

Grade	Achievement level total (Criteria A-D)	General grade descriptor for all MYP subjects
1	0-5	Produces work of very limited quality. Conveys many significant misunderstandings or lacks understanding of most concepts and contexts. Very rarely demonstrates critical or creative thinking. Very inflexible, rarely using knowledge or skills.
2	6-9	Produces work of limited quality. Expresses misunderstandings or significant gaps in understanding for many concepts and contexts. Infrequently demonstrates critical or creative thinking. Generally inflexible in the use of knowledge and skills, infrequently applying knowledge and skills.
3	10-14	Produces work of an acceptable quality. Communicates basic understanding of many concepts and contexts, with occasionally significant misunderstandings or gaps. Begins to demonstrate some basic critical and creative thinking. Is often inflexible in the use of knowledge and skills, requiring support even in familiar classroom situations.
4	15-18	Produces good-quality work. Communicates basic understanding of most concepts and contexts with few misunderstandings and minor gaps. Often demonstrates basic critical and creative thinking. Uses knowledge and skills with some flexibility in familiar classroom situations, but requires support in unfamiliar situations.
5	19-23	Produces generally high-quality work. Communicates secure understanding of concepts and contexts. Demonstrates critical and creative thinking, sometimes with sophistication. Uses knowledge and skills in familiar classroom and real-world situations and, with support, some unfamiliar real-world situations.
6	24-27	Produces high-quality, occasionally innovative work. Communicates extensive understanding of concepts and contexts. Demonstrates critical and creative thinking, frequently with sophistication. Uses knowledge and skills in familiar and unfamiliar classroom and real-world situations, often with independence.
7	28-32	Produces high-quality, frequently innovative work. Communicates comprehensive, nuanced understanding of concepts and contexts. Consistently demonstrates sophisticated critical and creative thinking. Frequently transfers knowledge and skills with independence and expertise in a variety of complex classroom and real-world situations.



In addition to regular reports and up-to-date assessment results and feedback available on Managebac, teachers also meet students and parents for **Parent-Teacher-Student Conferences (PTS)** twice a year. These conferences take place in November and in February/March.

Note on Year 9:

Please note that you need an overall grade of 6 or 7 in mathematics in the final MYP report in Year 9, if you would like to select the mathematics extended course as part of your subject package in Years 10-11.

Note on Year 11:

Please note that decisions on your provisional subject package for the Diploma Programme and Career-related Programme are based on your Year 11 MYP January report.

5.5. Promotion to the next academic year

As a school we always seek to work with you and your parents to provide the help and support you need to be successful in progressing in your learning. This support may include counselling, learning support or support from an EAL (English as an Additional Language) teacher. It is our expectation that you are automatically promoted to the next year, unless there are significant academic and/or pastoral concerns that the school has identified. Making students repeat an academic year only happens in exceptional cases where it is considered to be in their best interest and beneficial to their learning and/or wellbeing. This type of decision needs careful consideration and is never made based simply on a student's grades. The school will take any decision on repeating an academic year collaboratively with the Year Leader, the Deputy Head MYP and parents.

5.6. ISH MYP Certificate

You will receive the ISH MYP Certificate at the end of Year 11 to mark your successful completion of the MYP if you meet the following requirements:

- ▶ Completion of the personal project
- ▶ Minimum of 32 points* across eight subjects**
- ▶ Completion of the ISH requirements for service and action

* Points are counted by adding up the final grade for each subject. For example, a final grade of 5 in mathematics gives you five points towards your points total.

** The best grade is counted from each of these six subject groups: language and literature, language acquisition (or a second language and literature), individuals and societies, mathematics, sciences, arts /design and the best two other subjects. The minimum requirement of 32 points may be waived for students who join ISH at the start of Year 11. Also, in exceptional circumstances, in which a student does not have a language and literature subject taught at ISH, two language acquisition subjects can be counted towards the points total.

6. Subject groups in the MYP

There are eight subject groups in the MYP: *arts, design, individuals and societies, language acquisition, language and literature, mathematics, physical and health education and sciences*. They are all considered to be equally important, as combined they contribute towards a well-balanced curriculum and development of a wide range of skills and understanding of disciplinary concepts. All students in Years 7-9 study at least one subject from each subject group at any time. Students in Years 10-11 study at least one subject from six subjects groups, depending on their subject choices, but many continue with all eight subjects groups throughout their five years in the MYP.

6.1. Arts

The MYP arts programme at ISH consists of visual arts, drama and music. All students study both visual and performing arts in Years 7-9. Students can study all arts as optional subjects in Years 10-11. Please see the table below for details.

	Drama	Music	Visual Arts
Year 7		All students	All students
Year 8	All students	All students	All students
Year 9	All students		All students
Year 10	Elective subject	Elective subject	Elective subject
Year 11	Elective subject	Elective subject	Elective subject

MYP arts is built around the key concepts of aesthetics, change, communication, and identity. The programme helps you to:

- ▶ Create and present art
- ▶ Develop skills specific to the arts
- ▶ Engage in a process of creative exploration and (self-)discovery
- ▶ Make purposeful connections between investigation and practice
- ▶ Understand the relationship between art and its contexts
- ▶ Respond to and reflect on art
- ▶ Deepen your understanding of the world.

You explore and develop your understanding of the following concepts in visual arts:

Audience	Boundaries	Composition	Expression
Genre	Innovation	Interpretation	Narrative
Presentation	Representation	Style	Visual culture

In music and drama you explore and develop your understanding of the following concepts:

Audience	Boundaries	Composition	Expression
Genre	Innovation	Interpretation	Narrative
Play	Presentation	Role	Structure

See page 19/20 for sample units of work from arts.



Subject:	Year 7 Music
Title of the unit:	Game music
Global context:	Orientation in space and time
Concepts:	Identity; Narrative and role
Inquiry questions:	<i>What is a loop? What is adaptive music? What is the role of a melody in game scores? How are characters, scenes and colours combined to narrate a plot musically? How are musical palettes developed? How does an instrument's role change when composing for games? Are game scores just layers of loops? Can music truly narrate a story?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Collaboration skills: Working effectively with others; helping others to succeed▶ Creative-thinking skills: Creating original ideas, using existing ideas in new ways

Unit description:

In this unit students investigate the concept of writing music for video games. By conducting research into a series of games, students deconstruct the rhythmic, melodic and harmonic components of each. This is followed up with group performances and active listening lessons that outline how the composer approached writing for that game. With the technology available on the iPad, students then collaborate on developing their own game, focusing on writing music that addresses the characters, scenes, plot, and colour of each level they design. This is then documented in a BookCreator Portfolio over the course of 10 weeks.

Title of the unit:	Year 9 Drama
Global context:	Exploring script: <i>Noughts & Crosses</i> by Malorie Blackman
Concepts:	Orientation in space and time
Inquiry questions:	Change; Interpretation and narrative
ATL skills practiced:	<i>What connections can we make to our own lives when we interpret a narrative? What do we understand by: a theme, a narrative, interpretation, perspective? How can theatre inspire change in a person's perspective about a situation? Why should an audience be educated rather than entertained?</i> <ul style="list-style-type: none">▶ Collaboration skills: Giving and receiving meaningful feedback▶ Media literacy skills: Seeking a range of perspectives from multiple and varied sources▶ Creative-thinking skills: Considering different alternatives, including those that might be unlikely or impossible

**Unit description:**

In this unit students initially research, discuss and debate key discrimination events that have occurred historically, along with those that have occurred in more recent times, including the present day. There will be an introduction to Malorie Blackman before students connect with the script of Noughts & Crosses. Students explore key issues and themes through the play, using the script for improvisation work. Many opportunities and platforms will be given for the students to discuss, debate and create theatre around the serious and sensitive issues associated with discrimination. Students will view the perspective from all sides, exploring the perspectives of victim and perpetrator, identifying when and how these situations arise.

Subject:	Year 11 Visual arts
Title of the unit:	My playlist: Curation in art
Global context:	Personal and cultural expression. In addition, students choose their own global context for their virtual exhibition.
Concepts:	Relationships; Audience, narrative and presentation
Inquiry questions:	<i>What is the role of the curator? How does a curator highlight and present the relationships between artworks? How do they create a narrative? Should a curator convey values and ideologies through the exhibitions they organise?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Using a variety of media to communicate with a range of audiences; interpreting and using modes of non-verbal communication effectively▶ Research skills

Unit description:

Curation is an important idea as selecting and presenting objects to the public is a role that comes with power and responsibility in regards to ideas of knowledge acquisition, representation, and experience. In this unit, students will study the role of the curator in a gallery and museum, learn about, and develop themes that connect works of art. Students also create a virtual exhibition as part of this unit.

MYP learning objectives in all arts subjects consist of:

- ▶ A: Knowing and understanding
- ▶ B: Developing skills
- ▶ C: Thinking creatively
- ▶ D: Responding

You are assessed and your progress is reported using these learning objectives.

For more information about MYP arts, please contact our SAL for arts Ms Elisabeth Chute (e.chute@ishthehague.nl).



6.2. Design

The MYP design programme at ISH consists of digital design and product design. All students study both digital and product design in Years 7-9. Digital and product design are optional subjects in Years 10-11. Please see the table below for details:

	Digital design	Product design
Year 7		
Year 8	All Year 7, 8 and 9 students (digital and product design carousel)	
Year 9		
Year 10	Elective subject	Elective subject
Year 11	Elective subject	Elective subject

MYP design is built around the key concepts of communication, communities, development and systems. The programme helps you to:

- 21
- ▶ Enjoy the design process, and develop an appreciation of its elegance and power
 - ▶ Develop knowledge, understanding and skills from different disciplines to design and create solutions to problems using the design cycle
 - ▶ Use and apply technology effectively as a means to access, process and communicate information, model and create solutions, and to solve problems
 - ▶ Develop an appreciation of the impact of design innovations for life, global society and environments
 - ▶ Appreciate past, present and emerging design within cultural, political, social, historical and environmental contexts
 - ▶ Develop respect for others' viewpoints and appreciate alternative solutions to problems
 - ▶ Act with integrity and honesty, and take responsibility for your own actions developing effective working practices.

You explore and develop your understanding of the following concepts:

Adaptation	Collaboration	Ergonomics	Evaluation
Form	Function	Innovation	Invention
Markets and trends	Perspective	Resources	Sustainability

See below sample units of work from design.

Subject:	Year 7 Digital design
Title of the unit:	Public information film
Global context:	Fairness and development
Concepts:	Perspective; Form and innovation
Inquiry questions:	<i>What are the characteristics of information films? How can we engage others through communicating in visual media? Can we change how people act through the use of media?</i>

**ATL skills practiced:**

- ▶ Media literacy skills: Interacting with media to use and create ideas and information; making informed choices about personal viewing experiences
- ▶ Creative-thinking skills: Generating novel ideas and considering new perspectives

Unit description:

In this unit students create a public information or safety film. They research the elements that are needed for these films by looking at existing films. They learn to storyboard a film, then film and edit their film using iMovie. Students will choose their own authentic topic for the film based on an issue that could affect Year 7 students at ISH.

Subject:	Year 10 Product design
Title of the unit:	Heads up: Helmet project
Global context:	Scientific and technical innovation
Concepts:	Development; Function and ergonomics
Inquiry questions:	<i>What are the specifications of a safety helmet? What role does ergonomics have in creating helmets? Do helmets help keep us safer? What are the differences between a good helmet and a bad helmet? What do the Dutch think about wearing bike helmets? Why in The Netherlands, a country that demands such high safety standards, are people opposed to something that will protect the old melon with such ease?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Exchanging thoughts, messages and information effectively through interaction; using intercultural understanding to interpret communication, negotiating ideas and knowledge with peers and teachers

Unit description:

In this unit students research, design and create bike helmets out of sustainable materials in order to promote bike safety. Students are introduced to anthropometrics, ergonomics and data testing. As part of this unit students also prepare and deliver an elevator pitch presentation about a great anthropometric product.

MYP learning objectives in design consist of:

- ▶ A: Inquiring and analysing
- ▶ B: Developing ideas
- ▶ C: Creating a solution
- ▶ D: Evaluating



You are assessed and your progress is reported using these learning objectives.

For more information about MYP design, please contact our SAL for design, Mr Robin Hare (r.hare@ishthehague.nl).

6.3. Individuals and societies

The MYP individuals and societies programme at ISH consists of integrated humanities, business management, economics, geography and history. All students study integrated humanities in Years 7-9. Business management, economics, geography and history are optional subjects in Years 10-11. All students in Years 10-11 study at least one individuals and societies subject as part of their MYP programme.

Please see the table below for details:

	Integrated humanities	Business management	Economics	Geography	History
Year 7	All students				
Year 8	All students				
Year 9	All students				
Year 10		Elective subject	Elective subject	Elective subject	Elective subject
Year 11		Elective subject	Elective subject	Elective subject	Elective subject

MYP individuals and societies is built around the key concepts of change, *global interactions, systems and time, place and space*. The programme helps you to:

- ▶ Appreciate human and environmental commonalities and diversity
- ▶ Understand the interactions and interdependence of individuals, societies and the environment
- ▶ Understand how both environmental and human systems operate and evolve
- ▶ Identify and develop concern for the well-being of human communities and the natural environment
- ▶ Act as responsible citizens of local and global communities
- ▶ Develop inquiry skills that lead towards conceptual understandings of the relationships between individuals, societies and the environments in which they live.

You explore and develop your understanding of the following concepts in individuals and societies:

Integrated humanities:

Causality (cause and consequence)	Choice	Culture	Equity
Globalisation	Identity	Innovation and revolution	Perspective
Power	Processes	Resources	Sustainability



Business management:

Causality (cause and consequence)	Competition	Cooperation	Culture
Ethics	Globalisation	Innovation	Leadership
Power	Processes	Strategy	Structure

Economics:

Choice	Consumption	Equity	Globalisation
Growth	Model	Poverty	Power
Resources	Scarcity	Sustainability	Trade

Geography:

Causality (cause and consequence)	Culture	Disparity and equity	Diversity
Globalisation	Management and intervention	Networks	Patterns and trends
Power	Processes	Scale	Sustainability

24

History:

Causality (cause and consequence)	Civilisation	Conflict	Cooperation
Culture	Governance	Identity	Ideology
Innovation and revolution	Interdependence	Perspective	Significance

See below sample unit of work from individuals and societies.

Subject:	Year 7 Integrated humanities
Title of the unit:	The birth of civilisation: Humans, mammoths and fire
Global context:	Orientation in space and time
Concepts:	Development; Causality (cause and consequence), resources and sustainability
Inquiry questions:	<i>What were the factors that affected human development? How did the relationship between humans and their environment affect the development of humankind? Do civilisations develop in response to their environment?</i>

**ATL skills practiced:**

- ▶ Communication skills: Reading, writing and using language to gather and communicate information; organising and depicting information logically
- ▶ Collaboration skills: Working effectively with others; helping others to succeed

Unit description:

In this unit students will develop an understanding of how civilisations developed from hunter-gatherers to early settlements. Through exploring some key ideas - early migration patterns, the role of the environment in where people settled, in particular the role of rivers, and how early civilisations began students will gain an understanding of how humankind developed and the reasons for this.

Subject:	Year 10 Economics
Title of the unit:	Water Scarcity
Global context:	Global interaction
Concepts:	Scarcity, Sustainability
Inquiry questions:	<i>What causes the scarcity of a resource? How do global interactions affect the consumption of resources?</i> <i>To what extent should people and businesses change their consumption habits in order to affect the sustainability of resources?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Critical thinking skills: Analysing and evaluating issues and ideas; consider ideas from multiple perspectives.▶ Information literacy skills: Finding, interpreting, judging and creating information; make connections between various sources of information; collect and analyse data to identify solutions and make informed decision.

Unit description:

In this unit, students will experience the practical implications with regards to scarcity and sustainability of the crucial resource that is water. This unit will see students researching the issues surrounding the supply and demand of water in a country, considering the perspective of a range of groups in their population. They will discuss regional and global viewpoints with others in the class and seek to find compromise and solutions, trying to manage the expectations from all of these perspectives.

The students will present their findings and actively engage in a Socratic seminar where real sustainable solutions will be discussed. At the end of the course, students will be informed and empowered to take action.



Subject	Year 10 Geography
Title of the Unit	Solutions for a Hungry Planet
Global Context	Scientific and Technical Innovation
Concepts	Systems, Scale, Sustainability
Inquiry Questions	<i>What are the processes in a sustainable farming system?</i>
ATL skills practiced	<p>How are processes scaled up to suit a growing system? Can large scale industrial farming be sustainable?</p> <ul style="list-style-type: none">▶ Critical Thinking: Analysing and evaluating issues and ideas; consider ideas from multiple perspectives; identify trends and forecast possibilities▶ Creative thinking skills: Generating novel ideas and considering new perspectives; create novel solutions to authentic problems

Unit Description:

In this unit we will investigate the challenge of how our growing world population can be fed in a sustainable way. We will explore different farming systems, and evaluate the sustainability of each. We will go on a field trip to visit a large-scale industrial farming system and a small scale circular system to compare and contrast their sustainability and ability to feed a growing population.

Subject:	Year 11 History
Title of the unit:	The Holocaust: The negative consequences of prejudice, racism and stereotyping
Global context:	Orientation in space and time
Concepts:	Change; Conflict, identity and causality (cause and consequence)
Inquiry questions:	<i>What are the main features of genocide? Are genocides and ethnical discrimination avoidable? Why are personal stories important when studying about conflict and discrimination? How do genocides develop?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Exchanging thoughts, messages and information effectively through interaction; interpreting and using effectively modes of non-verbal communication▶ Research skills: Finding, interpreting, judging and creating information



Unit description:

During this unit students are exposed to a variety of historical perspectives and taught a number of historical skills to enable them to have a clear understanding of the key concept of change. Students are given an overview of the term genocide, provided with various examples in history (some contemporary), and study the eight steps to genocide, discussing the use of media, propaganda and culture as factors in causing genocides to take place. Students, in partnership with the Dutch department, have the opportunity to listen to the relatives of Holocaust survivors who visit the school to tell their individual stories. Part of this unit is also a visit to the Anne Frank house, followed by a guided tour of the significant WW2 sites in Amsterdam.

MYP learning objectives in all individuals and societies subjects consist of:

- ▶ A: Inquiring and analysing
- ▶ B: Developing ideas
- ▶ C: Creating a solution
- ▶ D: Evaluating

27

You are assessed and your progress is reported using these learning objectives.

For more information about MYP individuals and societies, please contact our SAL for integrated humanities, history and geography, Mr Ned Riley (n.riley@ishthehague.nl) or our SAL for business management and economics, Mr Louis Odendaal (l.odendaal@ishthehague.nl).

6.4. Language acquisition

The MYP language acquisition programme at ISH consists of languages that students study as a non-native language or languages in which they have not yet acquired a high level of proficiency. All students study at least one language acquisition language in Years 7-9. In Years 10-11 students either study one language acquisition language or alternatively students may choose a second language and literature option. It is also possible for students in Years 10-11 to study a combination of language acquisition languages, with some restrictions.

Language acquisition in the MYP is divided into six phases that correspond to the development of language skills from beginner level (phase 1) to near-native language level (phase 6). In English and Dutch language acquisition students are placed in the phase that best corresponds to their level of skill in the language. In these languages it is also possible for students to exit language acquisition and move to language and literature if they reach a level of proficiency that enables them to successfully meet the learning objectives of the language and literature course. In French, German and Spanish language acquisition, all students start at beginner level in Year 7 in their chosen language.

Students' language acquisition language in the MYP cannot be their mother-tongue or language spoken at home. Also, please note that it is not possible for students to move from language and literature class to a language acquisition class in the same language.

Please see the table next page for details:



	English LA	Dutch LA	French LA	German LA	Spanish LA
Year 7	Phases 1-4	Phases 1-4	Phase 1	Phase 1	Phase 1
Year 8	Phases 2-4	Phases 1-4	Phase 2	Phase 2	Phase 2
Year 9	Phases 2-4	Phases 1-4	Phase 2	Phase 2	Phase 2
Year 10	Phases 3-4/5	Phases 1-4	Elective subject: Phase 3	Elective subject: Phase 3	Elective subject: Phase 3
Year 11	Phases 3-4/5	Phases 1-4	Elective subject: Phase 4	Elective subject: Phase 4	Elective subject: Phase 4

MYP language acquisition is built around the key concepts of *communication, culture, connections and creativity*. The programme helps you to:

- 28
- ▶ Gain proficiency in an additional language while supporting maintenance of your mother tongue and cultural heritage
 - ▶ Develop a respect for, and understanding of, diverse linguistic and cultural heritages
 - ▶ Develop communication skills necessary for further language learning, and for study, work and leisure in a range of authentic contexts and for a variety of audiences and purposes
 - ▶ Develop multi-literacy skills through the use of a range of learning tools, such as multimedia, in the various modes of communication
 - ▶ Develop an appreciation of a variety of literary and non-literary texts and to develop critical and creative techniques for comprehension and construction of meaning
 - ▶ Recognise and use language as a vehicle for thought, reflection, self-expression and learning in other subjects, and as a tool for enhancing literacy
 - ▶ Understand the nature of language and the process of language learning, which comprises the integration of linguistic, cultural and social components
 - ▶ Offer insight into the cultural characteristics of the communities where the language is spoken
 - ▶ Develop an awareness and understanding of the perspectives of people from your own and other cultures, leading to involvement and action in your own and other communities
 - ▶ Develop curiosity, inquiry and a lifelong interest in, and enjoyment of, language learning.

You explore and develop your understanding of various concepts as you make your way through the phases in language acquisition:

Audience	Conventions	Patterns	Purpose
Function	Message	Context	Structure
Pronunciation	Form	Meaning	Word Choice

Conventions	Audience	Purpose	Function
Meaning	Context	Structure	Word choice
Idiom	Message	Empathy	Point of View



Phases 5-6 (proficient level):

Argument	Empathy	Purpose	Audience
Idiom	Stylistic Choices	Bias	Inference
Theme	Context	Point of View	Voice

See below sample units of work from language acquisition.

Subject:	Phase 2 Spanish language acquisition
Title of the unit:	Me gusta comer
Global context:	Identities and relationships
Concepts:	Communication; Purpose and conventions
Inquiry questions:	<i>What can we say about food in Spanish? How do my eating habits reflect my culture? Do my eating habits reflect a healthy lifestyle?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Collaboration skills: Working effectively with others; building consensus▶ Self-management skills: Planning short- and long-term assignments; meeting deadlines; understanding and using sensory learning preferences
Brief unit description:	In this unit students practice talking about food and ordering food in restaurants. They learn about dining habits in the Spanish-speaking world and stereotypes that we have about food in the Spanish-speaking world. Students are encouraged to try to prepare Spanish dishes using recipes explored in class. This unit also gives students an opportunity to share their own cultural insights about food in a very international context.

MYP learning objectives in language acquisition consist of:

- ▶ A: Listening
- ▶ B: Reading
- ▶ C: Speaking
- ▶ D: Writing

You are assessed and your progress is reported using these learning objectives.

For more information about MYP English language acquisition, please contact our SAL for English Ms Eva Ballesteros (e.ballesteros@ishthehague.nl). For Dutch language acquisition, please contact our SAL for Dutch Mr Teun Veken (t.veken@ishthehague.nl) and for French, German and Spanish language acquisition our SAL for core languages Mrs Annette Bowden (a.bowden@ishthehague.nl).



Subject:	Phase 3 English language acquisition
Title of the unit:	My family and culture
Global context:	Identities and relationships
Concepts:	Culture; Context and meaning
Inquiry questions:	<i>What words can we use to describe a family? How has the idea of family changed over time? How does the tradition of oral history improve our beliefs and understanding? Why is culture important to identity?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Exchanging thoughts, messages and information effectively through interaction; using intercultural understanding to interpret communication; structuring information in summaries, essays and reports▶ Collaboration skills: Working effectively with others; giving and receiving meaningful feedback
Unit description:	<p>In this unit students practice being communicators by learning how to connect with new peers through meeting and greeting. Students will be open-minded as they learn how to be receptive to new experiences and have contact with people of different cultures. They will also be risk-takers as they learn to take initiative and use English on a more active basis. Students will practice their speaking, writing and receptive skills while exploring different cultures. As part of this unit, students produce a video on aspects of their culture.</p>



6.5. Language and literature

The MYP language and literature programme at ISH consists of languages that students study as their native language or a language in which they have acquired a high level of proficiency. All students study at least one language and literature option throughout the MYP, unless they are EAL students, who may not have a language and literature option available to them.

Please note that it is not possible for students to move from a language and literature class to a language acquisition class.

Please see the table below for details:

	English LL	Dutch LL	French LL	German LL	Spanish LL
Year 7	All students with required proficiency	All students with required proficiency	Students with required proficiency	Students with required proficiency	Students with required proficiency
Year 8	All students with required proficiency	All students with required proficiency	Students with required proficiency	Students with required proficiency	Students with required proficiency
Year 9	All students with required proficiency	All students with required proficiency	Students with required proficiency	Students with required proficiency	Students with required proficiency
Year 10	All students with required proficiency	All students with required proficiency	Elective subject: students with required proficiency	Elective subject: students with required proficiency	Elective subject: students with required proficiency
Year 11	All students with required proficiency	All students with required proficiency	Elective subject: students with required proficiency	Elective subject: students with required proficiency	Elective subject: students with required proficiency

MYP language and literature is built around the key concepts of *communication, creativity, connections, and perspective*. The programme helps you to:

- ▶ Use language as a vehicle for thought, creativity, reflection, learning, self-expression, analysis and social interaction
- ▶ Develop the skills involved in listening, speaking, reading, writing, viewing and presenting in a variety of contexts
- ▶ Develop critical, creative and personal approaches to studying and analysing literary and non-literary texts
- ▶ Engage with text from different historical periods and a variety of cultures
- ▶ Explore and analyse aspects of personal, host and other cultures through literary and non-literary texts
- ▶ Explore language through a variety of media and modes
- ▶ Develop a lifelong interest in reading
- ▶ Apply linguistic and literary concepts and skills in a variety of authentic contexts.



You explore and develop your understanding of the following concepts:

Audience imperatives	Character	Context	Genre
Intertextuality	Point of view	Purpose	Self-expression
Setting	Structure	Style	Theme

See below sample units of work from language and literature.

Subject:	Year 8 English language and literature
Title of the unit:	Heroes and villains
Global context:	Personal and cultural expression
Concepts:	Creativity; Character and intertextuality
Inquiry questions:	<i>What is the role of a character in a story? What is a conventional story structure? Can stories set our moral compass? Why do the same story-lines echo through different societies?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Exchanging thoughts, messages and information effectively through interaction; reading critically and for comprehension; making inferences and drawing conclusions; writing for different purposes
Unit description:	In this unit students find out what Harry Potter and Moana have in common with Spider-Man. They learn about the different techniques authors use to create dynamic characters and study character archetypes and story structures to write their own Hero's Journey.

Subject:	Year 10 German language and literature
Title of the unit:	Big history in fiction
Global context:	Orientation in space and time
Concepts:	Connections; Point of view and setting
Inquiry questions:	<i>What big changes took place in Germany in the 1930s? How did political changes affect individuals and groups? Can individuals make a difference in 'big history'?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Using appropriate forms of writing for different purposes and audiences▶ Critical thinking skills: Analysing and evaluating issues and ideas; considering ideas from multiple perspectives



Unit description:

In this unit students find out what Harry Potter and Moana have in common with Spider-Man. They learn about the different techniques authors use to create dynamic characters and study character archetypes and story structures to write their own Hero's Journey.

Subject:	Year 10 German language and literature
Title of the unit:	Big history in fiction
Global context:	Orientation in space and time
Concepts:	Connections; Point of view and setting
Inquiry questions:	<i>What big changes took place in Germany in the 1930s? How did political changes affect individuals and groups? Can individuals make a difference in 'big history'?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Using appropriate forms of writing for different purposes and audiences▶ Critical thinking skills: Analysing and evaluating issues and ideas; considering ideas from multiple perspectives

33

Unit description:

In this unit students explore how turning points in history can be portrayed through fictional writing. They study Germany in the 1930s through the works of Kordon (*Mit dem Rücken zur Wand*) and Spiegelmann (*Maus*). As part of this unit, students produce a speech that reflects the context of the historical era and the perspective of their chosen character, and write a newspaper page that takes into consideration the audience of that time, place of publication, and parameters for freedom of speech.

MYP learning objectives in language and literature consist of:

- ▶ A: Analysing
- ▶ B: Organising
- ▶ C: Producing text
- ▶ D: Using language

You are assessed and your progress is reported using these learning objectives.

For more information about MYP English language and literature, please contact our SAL for English Ms Eva Ballesteros (e.ballesteros@ishthehague.nl). For Dutch language and literature, please contact our SAL for Dutch Mr Teun Veken (t.veken@ishthehague.nl) and for French, German and Spanish language and literature our SAL for core languages Mrs Annette Bowden (a.bowden@ishthehague.nl).



6.6. Mathematics

All students study mathematics throughout their five years in the MYP. In Years 10-11 students choose either standard mathematics or extended mathematics. Extended mathematics is available as an option for students who would like to be challenged further in mathematics and develop a deeper understanding of mathematical concepts. Students have to meet specific attainment criteria to secure entry to extended mathematics.

Please see the table below for details:

	Mathematics	Standard mathematics	Extended mathematics
Year 7	All students		
Year 8	All students		
Year 9	All students		
Year 10		Option for all students	Option to students who meet requirements
Year 11		Option for all students	Option to students who meet requirements

34

MYP mathematics is built around the key concepts of logic, form and relationships. The programme helps you to:

- ▶ Enjoy mathematics, develop curiosity and begin to appreciate its elegance and power
- ▶ Develop an understanding of the principles and nature of mathematics
- ▶ Communicate clearly and confidently in a variety of contexts
- ▶ Develop logical, critical and creative thinking
- ▶ Develop confidence, perseverance, and independence in mathematical thinking and problem-solving
- ▶ Develop powers of generalisation and abstraction
- ▶ Apply and transfer skills to a wide range of real-life situations, other areas of knowledge and future developments
- ▶ Appreciate how developments in technology and mathematics have influenced each other
- ▶ Appreciate the moral, social and ethical implications arising from the work of mathematicians and the applications of mathematics
- ▶ Appreciate the international dimension in mathematics through an awareness of the universality of mathematics and its multicultural and historical perspectives
- ▶ Appreciate the contribution of mathematics to other areas of knowledge
- ▶ Develop the knowledge, skills and attitudes necessary to pursue further studies in mathematics
- ▶ Develop the ability to reflect critically upon their own work and the work of others.

You explore and develop your understanding of the following concepts:

Approximation	Change	Equivalence	Generalisation
Models	Patterns	Quantity	Representation
Simplification	Space	Systems	Validity



See below sample unit of work from mathematics.

Subject:	Year 9 Mathematics
Title of the unit:	Linear relationships: Impact of human decision-making
Global context:	Globalisation and sustainability
Concepts:	Relationships; Change, model and representation
Inquiry questions:	<i>What is a pattern? What is a slope? How can we represent changing relationships? What are the different ways we can identify a constant rate of change? What makes a good representation? How does human-decision making affect the environment? How are we held accountable for our decisions?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Critical-thinking skills: Analysing and evaluating issues and ideas; identifying obstacles and challenges▶ Media literacy skills: Locating, organising, analysing, evaluating, synthesising and ethically using information from a variety of sources and media

Unit description:

In this unit students will study linear relationships through identities, relationships, fairness and development. Students look at ‘What is change? How can we model real life situations of change?’ They will model water waste and saving water, investigate energy consumption of different types of lightbulbs and energy saving schemes. All this is modeled and investigated using mathematics and in particular linear equations.

Subject:	Year 11 Extended mathematics
Title of the unit:	Time to take a chance
Global context:	Identities and relationships
Concepts:	Logic; Representation and system
Inquiry questions:	<i>What are the different ways of representing a sample space? How do you calculate the probability of an event? What are the axioms of probability? How do you calculate the probability of mutually exclusive events and of independent events? What are the advantages and disadvantages of the different probability representations? In which ways can conditional probability be represented? Does randomness affect the decisions we make? Does a system help solve a problem?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Reading, writing and using language to gather and communicate information; using and interpreting a range of discipline-specific terms and symbols; understanding and using mathematical notation



Unit description:

In this unit students learn about using different forms of representation to show information involving probabilities, such as sample space tables and tree diagrams.

Students also learn to calculate conditional probabilities and determine whether two events are independent. They will discover how to make decisions involving health and fitness using these concepts involving probability.

MYP learning objectives in mathematics consist of:

- ▶ A: Knowing and understanding
- ▶ B: Investigating patterns
- ▶ C: Communicating
- ▶ D: Applying mathematics in real-life contexts

You are assessed and your progress is reported using these learning objectives.

36

For more information about MYP mathematics, please contact our SAL for mathematics, Dr Silvia Semana (s.semara@ishthehague.nl).

6.7. Physical and health education

All students participate in physical and health education throughout their five years in the MYP. In Years 10-11 students choose either MYP physical and health education or physical education and wellbeing, which is a non-MYP subject with an added emphasis on physical activity and practical skills development.

Please see the table below for details.

	Physical and health education	Physical education and wellbeing (non-MYP subject)
Year 7	All students	
Year 8	All students	
Year 9	All students	
Year 10	Option for all students	Option for all students
Year 11	Option for all students	Option for all students

MYP PHE is built around the key concepts of *change, communication, development and relationships*. The programme helps you to:

- ▶ Use inquiry to explore physical and health education concepts
- ▶ Participate effectively in a variety of contexts
- ▶ Understand the value of physical activity
- ▶ Achieve and maintain a healthy lifestyle
- ▶ Collaborate and communicate effectively
- ▶ Build positive relationships and demonstrate social responsibility
- ▶ Reflect on your learning experiences.



You explore and develop your understanding of the following concepts:

Adaptation	Balance	Choice	Energy
Environment	Function	Interaction	Movement
Perspective	Refinement	Space	Systems

See below a sample unit of work from physical and health education.

Subject:	Year 10 Physical and health education
Title of the unit:	Individual sports: Badminton
Global context:	Scientific and technical innovation
Concepts:	Development; Adaptation and refinement
Inquiry questions:	<i>How are organic compounds named? Why does our food smell so good? What kind of technology can we use to give and receive feedback on our performance? How can digital feedback help us adapt and refine techniques and tactics? Is digital feedback better than verbal feedback in adapting and refining our techniques and tactics?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Self-management skills: Considering the process of learning; developing new skills, techniques and strategies for effective learning▶ Critical-thinking skills: Analysing and evaluating issues and ideas; practicing observing carefully in order to recognise problems
Unit description:	In this unit students focus on improving their badminton knowledge, techniques and tactics through digital, peer and teacher feedback. Students develop techniques such as serve, clear, forehand and backhand strokes and analyse the opponents play to adjust their own tactics and strategies. Digital tools such as video are used to analyse and improve performance.

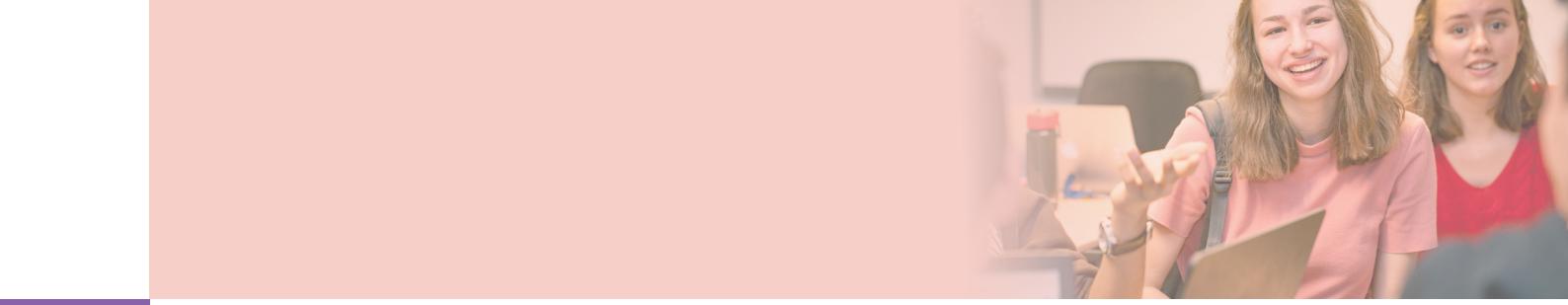
MYP learning objectives in PHE consist of:

- ▶ A: Knowing and understanding
- ▶ B: Planning for performance
- ▶ C: Applying and performing
- ▶ D: Reflecting and improving performance

You are assessed and your progress is reported using these learning objectives.

Please note that the non-MYP PEW programme has separate objectives, and is assessed using separate criteria.

For more information about MYP PHE, please contact our SAL for physical and health education, Mrs Kim Adam (k.adam@ishthehague.nl).



6.8. Sciences

The MYP sciences programme at ISH consists of integrated science, biology, chemistry and physics. All students study integrated science in Years 7-9. Biology, chemistry and physics are optional subjects in Years 10-11. All students in Years 10-11 study at least one science subject as part of their MYP programme.

Please see the table below for details:

	Integrated science	Biology	Chemistry	Physics
Year 7	All students			
Year 8	All students			
Year 9	All students			
Year 10		Elective subject	Elective subject	Elective subject
Year 11		Elective subject	Elective subject	Elective subject

MYP sciences are built around the key concepts of change, relationships and systems. The programme helps you to:

- ▶ Understand and appreciate science and its implications
- ▶ Consider science as a human endeavour with benefits and limitations
- ▶ Cultivate analytical, inquiring and flexible minds that pose questions, solve problems, construct explanations and judge arguments
- ▶ Develop skills to design and perform investigations, evaluate evidence and reach conclusions
- ▶ Build an awareness of the need to effectively collaborate and communicate
- ▶ Apply language skills and knowledge in a variety of real-life contexts
- ▶ Develop sensitivity towards the living and non-living environments
- ▶ Reflect on your learning experiences and make informed choices.

You explore and develop your understanding of the following concepts:

Integrated science and biology:

Balance	Consequences	Energy	Environment
Evidence	Form	Function	Interaction
Models	Movement	Patterns	Transformation

Chemistry:

Balance	Conditions	Consequences	Energy
Evidence	Form	Function	Interaction
Models	Movement	Patterns	Transformation



Physics:

Consequences	Development	Energy	Environment
Evidence	Form	Function	Interaction
Models	Movement	Patterns	Transformation

See below sample units of work from science.

Subject:	Integrated Science Year 7
Title of the unit:	Discovering the lab
Global context:	Scientific and technical innovation
Concepts:	Relationships;
Inquiry questions:	<i>What safety rules are needed when working in the lab? Why do different measurement systems allow for innovation? Should we keep the different measurements systems that currently exist in the world or is there a need to replace them?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Self-management – organisational skills (managing time and tasks effectively) and reflection skills (considering the process of learning; choosing and using ATL skills)▶ Research – information literacy skills (Create references and citations, use footnotes/endnotes and construct a bibliography according to recognised conventions)
Unit description:	In this unit the students will understand the importance of safety rules in the lab. They will learn and/or familiarise themselves with vocabulary specific to science. The students will also learn how to use a Bunsen burner safely and how to draw scientific diagrams of the laboratory equipment they will be using.



Subject:	Year 10 Biology
Title of the unit:	The hidden world (cells)
Global context:	Scientific and technical innovation
Concepts:	Relationships; Form and function
Inquiry questions:	<i>Can we determine the function from its form? To what extent can stem cells solve problems? What is the relationship between technological innovation and what we can see of cell structure?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Paraphrasing accurately and precisely▶ Information literacy skills: Creating references and citations
Unit description:	<p>In this unit students explore the hidden world of our cells: What structures can we see with a microscope? What shape do cells have and how does this help their function? How have we improved our understanding of this hidden world through better technology? As part of this unit students carry out an investigation into osmosis, analyse the results of their investigation and evaluate the accuracy of their chosen method. Students also research the use of stem cells to solve a problem, evaluate how well stem cells solve the problem with regards to a factor (ethical, social, moral, cultural or economic) to communicate their understanding.</p>

40

Subject:	Year 10 Physics
Title of the unit:	The heat is on
Global context:	Identities and relationships
Concepts:	Systems
Inquiry questions:	<i>What is energy? How does the phase of a substance decided it's properties? How does the change in phase change the environment? Can we protect ourselves from the weather?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Research skills – finding, interpreting, judging and creating information▶ Thinking skills – analysing and evaluations ideas, use models and simulations to explore complex concepts
Unit description:	<p>The focus of this unit is the concept of energy and energy transfer. The students will learn the difference between conductors and insulators and how they can be used in real life situations. They will be able to apply their knowledge by planning an investigation which models hypo/hyperthermia and collect data using PASCO Capstone software.</p>



Subject:	<i>Year 11 Chemistry</i>
Title of the unit:	<i>Organic chemistry - The boys from the black stuff</i>
Global context:	<i>Identities and relationships</i>
Concepts:	<i>Systems; Patterns and form</i>
Inquiry questions:	<i>How are organic compounds named? Why does our food smell so good? Should our food smell so good? Should we continue to drill for oil? Are plastic bottles the best way to supply drinking water for all people?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Research skills: Collecting, recording and verifying data▶ Media literacy skills: Understanding and using infographics
Unit description:	<p>In this unit students explore the chemistry of carbon which underpins all the processes of life. They organise the 9 million or so chemicals into patterns and create a vocabulary to work with them before moving on to the bigger questions of how humans should manage their relationship with oil and the products of oil. As part of this unit students create an infographic on an alcoholic drink, investigate the Montreal Protocol and ask whether we are ready to live 'post oil'.</p>

41

MYP learning objectives in sciences consist of:

- ▶ A: Knowing and understanding
- ▶ B: Inquiring and designing
- ▶ C: Processing and evaluating
- ▶ D: Reflecting on the impacts of science

You are assessed and your progress is reported using these learning objectives.

For more information about MYP sciences, please contact our SAL for sciences, Mrs Ioana Howland (i.howland@ishthehague.nl).

7. The Pathfinder Programme



The Pathfinder Programme is a different, more independent way to do the MYP at ISH in Years 8-11. The Pathfinder Programme allows you to follow the MYP from the perspective of your own interests. You must meet the same requirements and standards as other MYP students at ISH, but you work with learning guides (teachers) from each subject area to design and carry out investigations that build on your own interests. In doing so, you can construct a more personalised, challenging and relevant curricula.

Why the Pathfinder approach?

- ▶ *Individualised knowledge and motivation.* By allowing you to make authentic choices about your learning, we aim to harness the power of your intrinsic motivation and help you create a unique and powerful body of knowledge that stays with you.
- ▶ *Skills for learning and life.* By helping you to plan and carry out your own initiatives, we give you the opportunity to practice on a daily basis the skills you will need for learning, life and work in the future.
- ▶ *Confident about your place in the world.* Young people are engaged in a struggle to shape their identity: who they are and how they will contribute to the world. The Pathfinder Programme allows you to explore these questions by giving you more choice about your learning, and helping to shape a positive and confident identity.

42

In Years 8-9 Pathfinder students follow the Pathfinder approach for most of their timetable, but join their peers for mathematics, language acquisition and physical and health education classes, where they follow the standard ISH MYP curriculum. In Years 10-11 Pathfinder is an elective subject that students can choose for 3, 6 or 9 lessons a week. In Years 10-11 Pathfinder students engage in learning tasks and projects that are interdisciplinary and assessed using the MYP Interdisciplinary learning assessment criteria.

See table below for the structure of the Pathfinder Programme in the MYP at ISH:

Pathfinder Programme	
Year 7	Not currently available
Year 8	Available to students on application*
Year 9	Available to students on application*
Year 10	Elective subject (either 3, 6 or 9 lessons per week)
Year 11	Elective subject (either 3, 6 or 9 lessons per week)

How are units of work designed and planned in the Pathfinder Programme?

- Step 1: Inspiration. Students and teachers undertake a variety of activities in order to encounter new ideas and build an understanding of individual and group interests.
- Step 2: Unit proposals are discussed as a group. The aim is to create a units that build on the interests uncovered and include essential content and skills from that subject. The teacher may lead multiple discussions to ensure everyone sees an interest reflected in the unit.
- Step 3: Investigation. Teachers support students in carrying out the agreed units by supporting them in their investigations with resources, teaching, assessment and feedback.



Year:	Year 8-9 Pathfinder Programme
Title of the unit:	World War II: Global events and individual impacts
Global context:	Globalisation and sustainability
Concepts:	Global interactions; Perspective, interdependence and causality
Inquiry questions:	<i>What were the key events of World War II? How do wars affect people differently? How do global and community levels connect?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Using a variety of speaking techniques to communicate with a variety of audiences; using appropriate forms of writing for different purposes and audiences▶ Social skills: Practising empathy

Unit description:

This unit came about after students noticed and started discussing remnants of World War II that are visible in the local area. We started by building a general understanding of the key events of World War II, before investigating what happened in the local area and to specific individuals during the war. Students gave a guided tour of the local area to the rest of the group and created a documentary based on interviews with family members and other people who experienced the war.

43

Year:	Year 8-9 Pathfinder Programme
Title of the unit:	You're Next! The Musical
Global context:	Personal and cultural expression
Concepts:	Creativity; Setting, character and genre
Inquiry questions:	<i>In what ways can a playwright impact their audience? What makes a compelling character? What choices contribute to creating an overall style of a play?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Using appropriate forms of writing for different purposes and audiences▶ Self-management skills: Planning strategies and taking action to achieve personal and academic goals

Unit description:

This unit started from one student's ambition to write a Broadway-style musical play. We first analysed a range of plays and musicals to understand the tools available to a playwright when writing a play. This knowledge was then used to create an original script and produce You're Next! The Musical. The production included more than 30 actors/actresses/dancers and backstage crew. It was performed to an audience of more than 150 people.



Year:	Year 8-9 Pathfinder Programme
Title of the unit:	Muscles and sport performance
Global context:	Science and technical innovation
Concepts:	Systems; Energy and transformation
Inquiry questions:	<i>How do muscles work? How important is diet in sports performance? What are the ethical problems with using science to enhance sporting performance?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Communication skills: Paraphrasing accurately and concisely and referencing sources properly▶ Organisation skills: Managing time and tasks effectively; planning short- and long-term assignments; meeting deadlines▶ Information literacy skills: Presenting information in a variety of formats and platforms
Unit description:	In this unit, students got a taste of sport, exercise and health science, one of the latest subjects added to our DP course. Students investigated how the human muscle system works and how nutrients affect muscle size and performance. They then explored how this knowledge could be used to improve the performance of a sportsperson from a sport of their choice.

Year:	Y10/11 Pathfinder Interdisciplinary Learning
Title of the unit:	Balancing human and environmental wants and needs
Global context:	Science and technical innovation: interaction between people and the natural world
Concepts:	Global interactions, sustainability, balance, resources
Inquiry questions:	<i>How and when does human consumption of resources present challenges for the natural environment? How can we balance the wants and needs of humanity with the wants and needs of the environment?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Thinking skills: compare conceptual understanding across multiple subject groups and disciplines. Social: Take responsibility for one's own actions▶ Social skills: Take responsibility for one's own actions



Unit description:

Students initially identified three different areas of interests: the impact of the fashion industry, ecosystems in an urban neighbourhood, and the sustainability of space travel. These were connected with a conceptual focus on resource usage and sustainability. Students each chose a case-study to explore, coming together as a whole group to share insights and create a shared understanding of the conceptual questions set at the beginning of the unit.

Subject:	Y10/11 Pathfinder Interdisciplinary Learning
Title of the unit:	Change in a time of crisis
Global context:	Globalisation and sustainability: relationship between local and global processes
Concepts:	Change, adaptation, innovation
Inquiry questions:	<i>What's the difference between adaptation and innovation? Why does a change in the environment sometimes lead to adaptation and sometimes innovation? How can innovation and adaptation be brought about?</i>
ATL skills practiced:	<ul style="list-style-type: none">▶ Research: identify primary and secondary resources;▶ Compare, contrast and draw connections among (multi)media resources.

Unit description:

These students were interested in the impact of the Covid-19 pandemic on the sports industry. They identified and explored ways that sports clubs had changed their practices in response to the Pandemic and evaluated the success of these. This culminated in a presentation on top tips for sports clubs to adapt and innovate during a global pandemic.

For more information about the Pathfinder Programme and details on how to apply, please contact our Pathfinder Programme coordinator Mr Ollie Quinton (o.quinton@ishthehague.nl).

8. Academic integrity



One of our ISH Community Profile attributes is principled, which for us means ‘acting with integrity and honesty, with a strong sense of fairness and justice.’ Acting with integrity at school includes presenting work that is your own and always recognising and giving credit for any contributions from others in your work. You learn about academic integrity in every year of the MYP, for example how to correctly cite a source or use images you find on the internet.

The following are considered breaches of academic integrity in the MYP. Any academic misconduct or attempt at academic misconduct has serious consequences for students, which are detailed in the ISH Academic Integrity Policy.

1) Plagiarism and duplication of work:

- ▶ Plagiarism: the representation of the ideas or work of another person as the student's own
- ▶ Duplication of work: the presentation of the same work for different assessment components and/or core requirements
- ▶ Any other behaviour which gains the student an unfair advantage, for example: substantial editorial or compositional assistance, false claims or fabricated references.

46

2) Cheating and other types of misconduct during a test or other summative assessment:

- ▶ Cheating and other types of misconduct, for example taking unauthorised material into a test, or copying off someone else's answers
- ▶ Communicating with another student during an assessment
- ▶ Failing to obey the supervisor's instructions in an assessment
- ▶ Any other behaviour which gains an unfair advantage for a student, for example: receipt of confidential information about tests or other summative assessments.

3) Behaviour which gains an unfair advantage for a student or which affects the results of another student:

- ▶ Collusion: this is defined as supporting malpractice by another student, for example: allowing work to be copied or submitted for assessment by another student
- ▶ Disclosure of confidential information about tests or other summative assessments
- ▶ Misconduct during a test or an examination, for example: behaviour that disrupts the examination or distracts other candidates.

9. Homework



In addition to classwork, your learning in the MYP also includes work done at home to prepare for the next lesson, to complete assignments, and to prepare for tests. Such work can include learning new material, revision, doing skills practice, completing projects, writing laboratory reports, and reading literature. Homework should always be meaningful with a clear learning objective, and you should have an understanding of the purpose of the homework set.

Purpose of homework

Homework in the MYP helps you to:

- ▶ Develop ATL skills such as planning and organisation
- ▶ Learn to work independently and consolidate what you have learned in class
- ▶ Complete extended pieces of work
- ▶ Prepare for assessments.

Amount of homework per week

The amount of time per week that students can be expected to spend on homework will vary depending on the student's abilities and needs. Students in Year 7 can be expected to spend approximately 30 minutes per subject per week on homework. Students in Year 8 and 9 can be expected to spend approximately 40 minutes per subject per week on homework, and in Years 10 and 11 approximately 60 minutes per subject per week.

47

Further notes on homework

- ▶ All subjects are expected to regularly set homework as appropriate whilst taking into account the approximate allocation of time per subject.
- ▶ Language and literature and language acquisition (Dutch/French/German/Spanish) phases 4/5 and English language acquisition all levels may have an additional 30 minutes per week for reading homework in Years 7-9 and additional 60 minutes in Years 10-11.
- ▶ The preparation time required for formative and summative assessments should not exceed the allocated homework time.
- ▶ Teachers explain the homework to students in the lesson and ensure that students understand the homework assigned to them.
- ▶ Teachers must always communicate all homework assignments on messages placed on ManageBac.
- ▶ Homework can only be due at a time and date that corresponds with a lesson.
- ▶ No homework is set for the following day. Only in exceptional circumstances can students be asked to finish off work for the following day.
- ▶ No homework is set for the holidays.
- ▶ In Years 7-9 no homework is due for the first day of school after a holiday.

Specific guidance for Year 7

- ▶ In Year 7 homework is assigned when deemed appropriate by the teacher, within the maximum guidelines described above.
- ▶ The first three weeks of the school year will be a transition period where no or very little homework is set.

You practice and demonstrate ATL self-management skills by completing homework at expected standards and on time. Students who do not meet homework expectations are supported as appropriate either through disciplinary measures or through learning support.

10. Command terms in the MYP



Command terms are action words that MYP teachers use in instructions during lessons, on assessment tasks, and in project work. You can also find them in the assessment rubrics for different subjects. They guide you on what you are expected to do or how you are expected to demonstrate your learning in a task. These lists will help you understand the differences between different command terms, for example between 'describe' and 'discuss'.

10.1. Year 7 command terms

Please see the list below for 29 MYP command terms most often used in Year 7 with their definitions:

Command terms	MYP definitions
Analyse	Break down in order to bring out the essential elements or structure to identify parts and relationships, and to interpret information to reach conclusions.
Annotate	Add brief notes to a diagram, graph or text.
Comment	Give a judgement based on a given statement or result of a calculation.
Compare	Give an account of the similarities between two (or more) items or situations, referring to both (all) of them throughout.
Compare and contrast	Give an account of the similarities and differences between two (or more) items or situations, referring to both / all of them throughout.
Construct	Display information in a diagram or logical form.
Create	Evolve from one's own thought or imagination, as a work or an invention.
Define	Give the precise meaning of a word, phrase, concept or physical quantity.
Demonstrate	Make clear by reasoning or evidence, illustrating with examples or practical application.
Describe	Give a detailed account or picture of a situation, event pattern or process.
Design	Produce a plan, simulation or model.
Develop	Improve incrementally, elaborate or expand in detail. Evolve to more advanced or effective state.
Discuss	Offer a considered and balanced review that includes a range of arguments, factors of hypotheses. Opinions or conclusions should be presented clearly and supported by appropriate evidence.
Draw	Represent by means of a labelled, accurate diagram or graph. / Show information in picture or mind-map form. For diagrams and graphs: Use a pencil. A ruler (straight edge) should be used for straight lines. Diagrams should be drawn to scale. Graphs should have points correctly plotted (if appropriate) and join in a straight line or smooth curve.
Evaluate	Make an appraisal by weighing up the strengths and limitations (See also "Critique".)
Explain	Give a detailed account including reasons or causes. (See also "Justify".)
Identify	Provide an answer from a number of possibilities. Recognize and state briefly a distinguishing fact or feature.
Investigate	Observe, study, or make a detailed and systematic examination, in order to establish facts and reach new conclusions.
Justify	Give valid reasons or evidence to support an answer or conclusion. (See also "Explain".)
Label	Add title, labels or brief explanation(s) to a diagram or graph.
List	Give a sequence of brief answers with no explanation.



Organize	Put ideas and information into a proper of systematic order.
Outline	Give a brief account of summary.
Present	Offer for display, observation, examination or consideration
State	Give a specific name, value or other brief answer without explanation or calculation.
Suggest	Propose a solution, hypothesis or other possible answer.
Summarize	Abstract a general theme or major point(s).
Use	Apply knowledge or rules to put theory into practice. (See also "Apply".)
Write down	Express in writing / obtain brief answer(s) by extracting information. For Mathematics and Sciences: Little or no calculation is required. Working does not need to be shown.

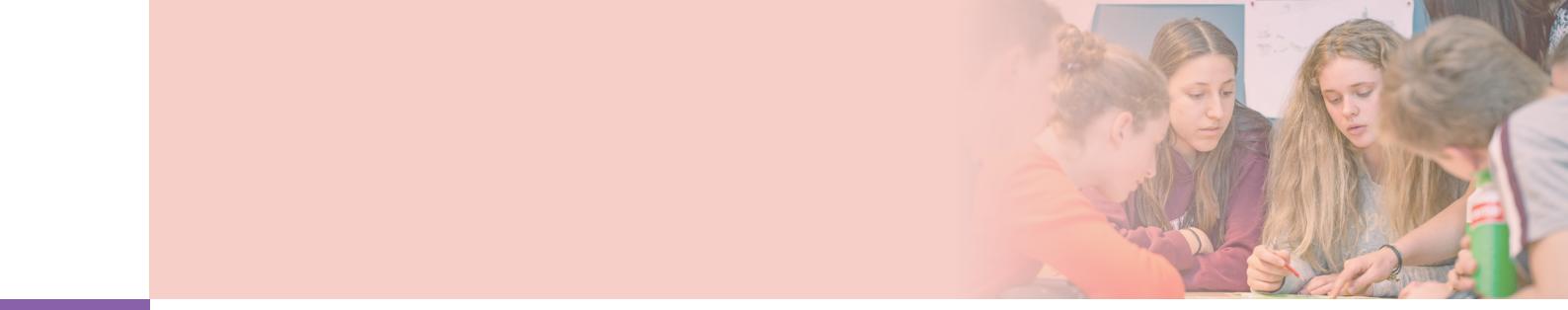
10.2. MYP command terms in Years 8-11

Please see the list below for 65 MYP command terms most often used in Years 8-11 with their definitions. The command terms marked with an asterisk (*) usually require higher order thinking skills.

Command terms	MYP definitions
Analyse*	Break down in order to bring out the essential elements or structure to identify parts and relationships, and to interpret information to reach conclusions.
Annotate	Add brief notes to a diagram, graph or text.
Apply	Use knowledge and understanding in response to a given situation or real circumstances. Use an idea, equation, principle, theory or law in relation to a given problem or issue. (See also "Use".)
Calculate	Obtain a numerical answer showing the relevant stages in the working.
Classify	Arrange or order by class or category.
Comment*	Give a judgment based on a given statement or result of a calculation.
Compare*	Give an account of the similarities between two (or more) items or situations, referring to both / all of them throughout.
Compare and contrast*	Give an account of the similarities and differences between two (or more) items or situations, referring to both / all of them throughout.
Construct*	Display information in a diagrammatic or logical form.
Contrast*	Give an account of the differences between two (or more) items or situations, referring to both / all of them throughout.
Create*	Evolve from one's own thought or imagination, as a work or an invention.
Critique*	Provide a critical review or commentary, especially when dealing with works of art or Literature. (See also "Evaluate".)
Deduce*	Reach a conclusion from the information given.
Define	Give the precise meaning of a word, phrase, concept or physical quantity.
Demonstrate	Make clear by reasoning or evidence, illustrating with examples or practical application.
Derive*	Manipulate a mathematical relationship to give a new equation or relationship.
Describe	Give a detailed account or picture of a situation, event, pattern or process.
Design*	Produce a plan, simulation or model.
Determine*	Obtain the only possible answer.
Develop*	Improve incrementally, elaborate or expand in detail. Evolve to a more advanced or effective state.



Differentiate*	Obtain the derivative of a function. / Notice the difference.
Discuss*	Offer a considered and balanced review that includes a range of arguments, factors or hypotheses. Opinions or conclusions should be presented clearly and supported by appropriate evidence.
Distinguish*	Make clear the differences between two or more concepts or items.
Document*	Credit sources of information used by referencing (or citing) following a recognized referencing system. References should be included in the text and also at the end of the piece of work in a bibliography.
Draw	Represent by means of a labelled, accurate diagram or graph. Show information in picture or mind-map form. For diagrams and graphs: Use a pencil. A ruler (straight edge) should be used for straight lines. Diagrams should be drawn to scale. Graphs should have points correctly plotted (if appropriate) and joined in a straight line or smooth curve.
Estimate	Find an approximate value for an unknown quantity.
Evaluate*	Make an appraisal by weighing up the strengths and limitations. (See also "Critique".)
Examine*	Consider an argument or concept in a way that uncovers the assumptions and interrelationships of the issue.
Explain	Give a detailed account including reasons or causes. (See also "Justify".)
Explore*	Undertake a systematic process of discovery.
Find	Obtain an answer showing relevant stages in the working.
Formulate*	Express precisely and systematically the relevant concept(s) or argument(s).
Hence*	Use the preceding work to obtain the required result. (not a verb but an important term)
Otherwise*	It is suggested that the preceding work is used, but other methods could also receive credit. (not a verb but an important term)
Identify	Provide an answer from a number of possibilities. Recognize and state briefly a distinguishing fact or feature.
Integrate*	Obtain the integral of a function. / Combine or unite.
Interpret*	Use knowledge and understanding to recognize trends and draw conclusions from given information.
Investigate*	Observe, study, or make a detailed and systematic examination, in order to establish facts and reach new conclusions.
Justify*	Give valid reasons or evidence to support an answer or conclusion. (See also "Explain".)
Label	Add title, labels or brief explanation(s) to a diagram or graph.
List	Give a sequence of brief answers with no explanation.
Measure	Find the value for a quantity.
Observe	Watch or notice. Regard with attention, especially so as to see or learn something.
Organize	Put ideas and information into a proper or systematic order.
Outline	Give a brief account or summary.
Plot	Mark the position of points on a diagram.
Predict	Give an expected result of an upcoming action or event.
Present	Offer for display, observation, examination or consideration.
Prioritize	Give relative importance to, or put in an order of preference.
Prove*	Use a sequence of logical steps to obtain the required result in a formal way.
Reflect*	Think about deeply, consider.





Select	Choose from a list, group or text.
Show	Give the steps in a calculation or derivation.
Show that	Obtain the required result (possibly using information given) without the formality of proof. "Show that" questions do not generally require the use of a calculator.
Sketch	Represent by means of a diagram or graph (labelled as appropriate). The sketch should give a general idea of the required shape or relationship, and should include relevant features.
Solve*	Obtain the answer(s) using algebraic and/or numerical and/or graphical methods. / Find an answer or solution.
State	Give a specific name, value or other brief answer without explanation or calculation.
Suggest*	Propose a solution, hypothesis or other possible answer.
Summarize	Abstract a general theme or major point(s).
Synthesize*	Combine different ideas in order to create new understanding.
To what extent*	Consider the merits or otherwise of an argument or concept. Opinions and conclusions should be presented clearly and supported with appropriate evidence. (not a verb but an important term)
Trace	Follow and record the action of an algorithm. / Follow something (often going back in time).
Use	Apply knowledge or rules to put theory into practice. (See also "Apply".)
Verify*	Provide evidence that validates the result.
Write down	Express in writing / obtain brief answer(s) by extracting information. For Mathematics and Sciences: Little or no calculation is required. Working does not need to be shown.

11. MYP glossary

See below a list of frequently used MYP terminology with definitions:

Achievement level (also: level of achievement or criterion level)	The number that corresponds to the descriptor that best describes the student's work. Achievement levels are shown in the left-hand column of the assessment criteria and range from 0 (lowest) to 8 (highest).
Assessment criteria	Criteria against which the student's work is measured. Every MYP subject group has four criteria (A, B, C and D) which are considered to be equally important.
Assessment rubric	The grid that connects achievement levels and descriptors.
Assessment task	The activity or series of activities with which students engage in order for assessment to take place.
Criterion levels total	The sum of the final achievement levels awarded for each individual criterion in any given subject or subject group. Criterion levels total is used to determine the final overall IB grade for each subject or subject group.
Formative assessment	Ongoing assessment aimed at providing information to guide teaching and improve student learning and achievement.
Grade (IB)	The description of student achievement. Final grades for student work in the MYP range from 1 (lowest) to 7 (highest). The grade represents a judgement on the overall qualities demonstrated and is consistent between years and subjects. Final grades are awarded at the end of each reporting period.
Interdisciplinary	Combining or involving two or more branches of learning or fields of academic study. In the MYP, interdisciplinary study can be developed both within and between subject groups.
Objective	One of a set of statements describing the skills, knowledge and understanding that will be assessed. MYP objectives are aligned with assessment criteria for each subject and subject group.
Phase (in language acquisition)	A stage of language learning development as indicated by a standard or proficiency that the student has reached. There are six phases on the language learning continuum in the MYP (Phase 1 corresponding to beginner level and Phase 6 to near-native level proficiency). The phases do not directly correspond to the years of study in the MYP or to the age of students in the programme.
Points total	The sum of the final overall IB grades (1-7) awarded across subjects. Points total is one of the criteria used to determine successful completion of the MYP.



Process journal	A tool that allows students to manage and record their learning processes and development of skills and factual and conceptual understanding. In the MYP process journals are used in many subject groups, including arts and design.
Standardisation	The collaborative process by which teachers establish a common standard of marking assessments.
Subject group	A collection of related subjects or courses grouped into a common category, which together represent a broad and balanced curriculum. The MYP is organised into eight subject groups: arts; design; individuals and societies; language acquisition; language and literature; mathematics; physical and health education; and sciences.
Summative assessment	Assessment aimed at determining the level of achievement of a student generally at the end of a course of study or a unit of work.
Unit of work	A series of lessons around a topic, focused on a statement of inquiry and inquiry questions, which is designed to enable students to achieve some of the objectives of an MYP subject group.
Task-specific clarification	An explanation of how the student can in a given assessment task demonstrate the general achievement level descriptors. A teacher can give this clarification by using a rubric or through a discussion and/or examples.
Task-specific rubric	An example of one type of task-specific clarification. An assessment grid adapted by the teacher that better identifies how the student can demonstrate in a given assessment task the general achievement level descriptors.

12. Further guidance and information

Further essential information for MYP students at ISH can be found in the ATL Folder in the Files section on Managebac:

ATL overview

Guidelines for presenting and submitting your work

Academic integrity practices at ISH Secondary

Late Work Protocol

ISH Referencing Guide

ISH Writing Guide

Command Terms (also with EAL definitions)

Personal Project Handbook/Files

Service and Action Handbook/Files

Further information about the IB Middle Years Programme:
International Baccalaureate (www.ibo.org)

MYP Coordinator Maria Lamminaho (m.lamminaho@ishthehague.nl)

***The MYP is a journey that will hopefully help you to
discover who you are as a learner:***

- ✓ what interests you
- ✓ what moves you
- ✓ what makes you unique
- ✓ what connects you to others
- ✓ how you can make a positive difference in the world around you.

We hope this guide has helped you to get started on that exciting journey!





The ISH Student Charter below outlines your rights and responsibilities as a student at ISH. Please note that you can advocate for yourself and for your peers if you think that your rights or expectations as a student have not been met. You can do that through your mentor, Year Leader or the Student Council, depending on the concern or question you have.



Student Charter

This charter sets out the rights and responsibilities of all students who are part of the ISH Community. It was created by students for students and developed from the United Nations Convention on the Rights of the Child (UNCRC) and our school's Guiding Statements.

We have the right to:

- 1 be treated with respect regardless of who we are, where we are from and what we believe
- 2 be consulted about decisions that affect us through our student representatives (e.g. student council); be able to question those decisions; and to assert our rights as they are set out in school policies and protocols
- 3 a safe, clean and well-maintained school environment, which supports our learning and personal development
- 4 share our personal views at appropriate times, keeping in mind that we must respect the views of others and not share views in a harmful and disrespectful way
- 5 learn about ways to take care of our well-being and personal safety
- 6 have access to support services that help to take care of our physical and mental health
- 7 a healthy and balanced learning experience, which allows us to pursue our own interests
- 8 experience learning in line with the school's High Quality Learning Statements so that we are enabled to achieve our own personal excellence and be well prepared for life after school
- 9 be informed about our rights within and beyond school
- 10 learn about and share our culture and language and have it valued by others

Our school and our parents/guardians work together to uphold these rights.

With rights come responsibilities. To enjoy these rights, we will:

- 1 be respectful of others regardless of who they are, where they are from and what they believe
- 2 be safe in how we take care of ourselves and in our behaviour towards and around others
- 3 be responsible in our behaviour and in our learning

We behave in accordance with these responsibilities to ensure that we can all enjoy these rights. We understand that if we do not, there may be negative consequences for ourselves, our environment and others.

*Curious, connected
and compassionate!*

13. References



Academic integrity. International Baccalaureate, 2019.

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MYP Design guide. International Baccalaureate, 2014, updated 2017.

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MYP Individuals and societies guide. International Baccalaureate, 2014, updated 2019.

MYP Language acquisition guide. International Baccalaureate, 2020.

MYP Language and literature guide. International Baccalaureate, 2014, updated 2017.

MYP Mathematics guide. International Baccalaureate, 2020.

MYP Physical and health education guide. International Baccalaureate, 2014, updated 2018.

MYP Sciences guide. International Baccalaureate, 2014, updated 2019.

Personal Project Guide. International Baccalaureate, 2021.



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