



10 Reasons

IB Middle Years Programme

why the IB Middle Years Programme (MYP) encourages you to become a creative, critical and reflective learner

- 1 Become a life-long learner**
Learn 'how to learn' using communication, research, self-management, collaboration and critical thinking skills.
- 2 Learn by doing and experiencing**
Through the MYP community project you learn to service the community and connect what you learn in the classroom to 'real life'.
- 3 The MYP encourages critical thinking**
It teaches you to analyse and evaluate issues, generate novel ideas and consider new perspectives.
- 4 Explore global challenges**
The MYP helps you increase your understanding of the world by exploring globally significant ideas and issues.
- 5 Learn for understanding**
Not just to memorize facts or topics and prepare for exams.
- 6 Train yourself to:**
 - organize and plan your work
 - meet deadlines
 - concentrate
 - bounce back
 - persist
 - think positively.
- 7 Subjects are not taught in isolation**
You are encouraged to make connections between subjects.
- 8 It empowers you to develop your talents**
Feel empowered to prove what you know and earn the MYP certificate or MYP course results.
- 9 It prepares you for future education**
Prepare yourself for the IB Diploma Programme or IB Career-related Certificate delivered by IB World Schools globally.
- 10 It encourages international-mindedness**
The MYP helps you critically appreciate your own culture and personal history, as well as the values and traditions of others.

Based on IB research - www.ibo.org/research
© International Baccalaureate Organization 2014
International Baccalaureate® | Baccalaurat International® | The Diploma Programme®



IB Requirements for MYP Certificate

- **Onscreen Examinations start early May**

- Language and Literature – Arabic
- Language and Literature – English
- Individuals and Societies – English
- Maths and Extended Maths
- Integrated Sciences

OR

3 onscreen examinations for
Biology, Chemistry and Physics

- Interdisciplinary learning

- **Electronic portfolios due mid-March in**

- Language Acquisition – Spanish
- Language Acquisition – Arabic
- Design
- Physical and Health Education
- Visual Arts
- Drama
- Music

- **Personal project**

- **Service As Action – school's expectations**

IB Requirements for MYP Certificate

- Maximum total score for the MYP certificate is **56** points with a grade of **1-7** assigned to each e-assessment (**$8 \times 7 = 56$**).
 1. Language and Literature /7
 2. Language and Literature or Language Acquisition (highest value if students are taking both) /7
 3. Mathematics /7
 4. Individuals and Societies /7
 5. Sciences /7 (highest value if students are taking more than one)
 6. Interdisciplinary learning /7
 7. Arts, Design or PHE (highest value if students are taking more than one) /7
 8. Personal Project /7
- Students must achieve at least 28 points from across these 8 assessments (and achieve at least a level 3 in each of them) and meet the school's expectations for Service As Action in order to receive the MYP certificate.

E-assessments

- Focus is on the **Key Concepts – Big Idea**
 - Aesthetics, Connections, Creativity, Development, Form, Global interactions, Identity, Logic, Perspective, Relationships, Time, place and space, Culture, Communication, Systems, Change, Communities
- Focus on the **content** – but more on concepts
- Focus is on **one Global Context** (determined by IB) in early Nov
 - Identities and relationships
 - Personal and cultural identity
 - Orientations in space and time
 - Scientific and technical innovation
 - Fairness and development
 - Globalization and sustainability

E-assessments

- **E-portfolios**
 - IB releases task sheets for the Arts, Design, Spanish, Arabic B and PHE in **early Nov**
 - Students work on the task for above subjects in class as well as at home (for certain criteria)
 - Feedback on student performance is provided by teacher throughout the process
 - Submitted electronically by **March 19th**

E-assessments

- **Onscreen examinations**
 - Focus on concepts and **one Global Context** determined by IB in Nov
 - **2hr** in length
 - **All criteria** assessed
 - Mocks **March 22nd – April 2nd** (includes 3 days study leave)
 - Official exams **May 12th – 22nd**

E-assessments – Interdisciplinary Learning (IL)

- “supports students to understand bodies of knowledge from two or more disciplines or subject groups, in order to integrate them and create new understanding”
- Exam will assess interdisciplinary understanding– students make connections between different areas of knowledge
- On April 1st, IB announces the 2 disciplines which will be the focus for the IL assessment, along with the Global Context and source materials
- Timetable will be modified in month of April so students will focus on subjects for the onscreen examinations
- Mock IL onscreen exam: April 16th

E-assessments – Interdisciplinary Learning (IL)

- May 2016
- Language and Literature and Mathematics
- Global Context - Personal and Cultural Expression, focus on artistry, craft, creation and beauty
- Sources looked at beauty in architecture, artistic themes, Fibonacci sequence in nature, tattoos through the ages and the revival of the Ta Moko
- Sample questions:
 - Using the background material and disciplinary knowledge from Maths and Language and Literature, write a 350 words article to inform readers about the beauty of ONE of the 5 architectural pieces in the source.
 - Create an internal monologue from your perspective, where you reflect on your views on whether tattoos are appropriate in your culture.

Language and Literature – English

This is an extract from the movie *Cold Mountain*. The story is set in 1864. All of the men from the town of Cold Mountain have left to fight in the American Civil War, leaving the women to try and look after themselves. Ada Monroe is struggling to run her farm, and a neighbour (Old lady Swanger) sends a woman called Ruby Thewes to help her. This extract shows the arrival of Ruby.

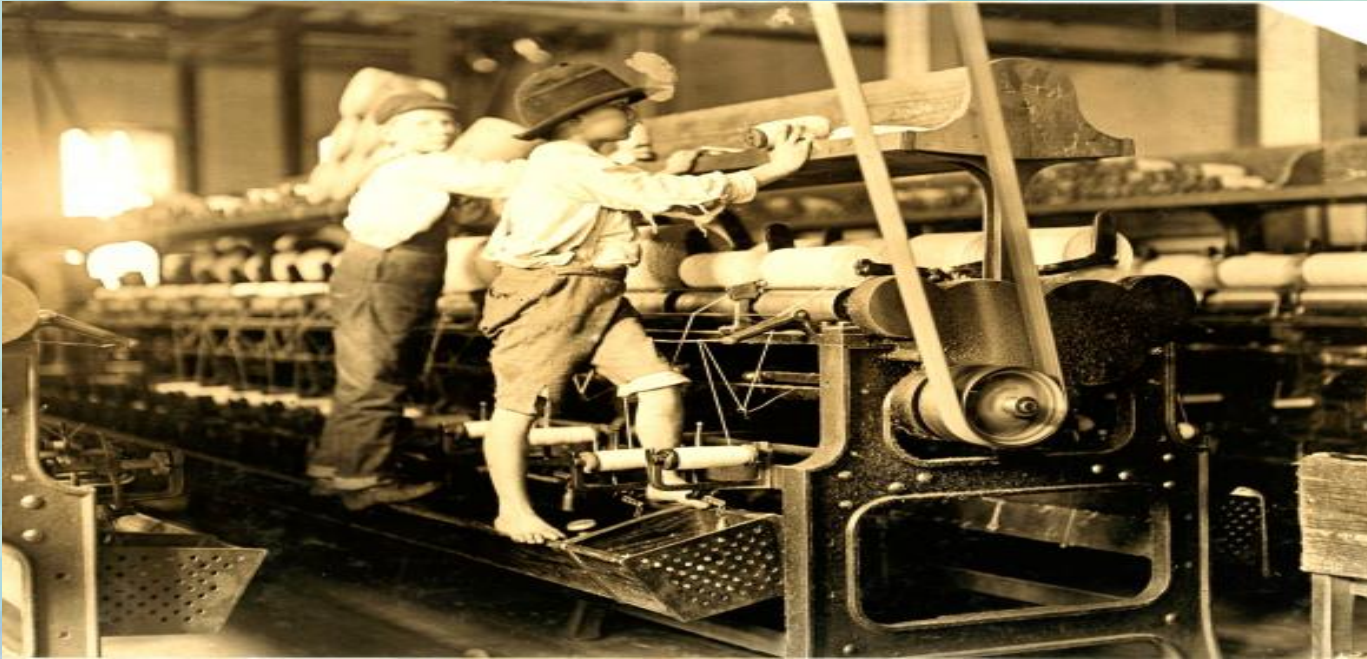
Cold Mountain, which is based on the novel by Charles Frazier, (1997)

"Ada's behaviour is timid in this scene."



Justify this statement by making one comment about Ada's use of body language or facial expression; use of intonation and use of language (what she says).

Individuals and Societies



A photograph by Lewis Hines depicting two boys climbing on a spinning frame to mend the broken threads and replace the empty bobbins at the Bib Mill, Macon, Georgia, USA (1909)

Using source B, identify 3 features of working conditions for children in factories in the USA in the early part of the 20th century.

Individuals and Societies

Source D

Article 23.

1. Everyone has the right to work, to free choice of employment, to just and favourable conditions of work and to protection against unemployment.
2. Everyone, without any discrimination, has the right to equal pay for equal work.
3. Everyone who works has the right to just and favourable remuneration ensuring for himself and his family an existence worthy of human dignity, and supplemented, if necessary, by other means of social protection.
4. Everyone has the right to form and to join trade unions for the protection of his interests.

Article 24.

Everyone has the right to rest and leisure, including reasonable limitation of working hours and periodic holidays with pay.

Article 25.

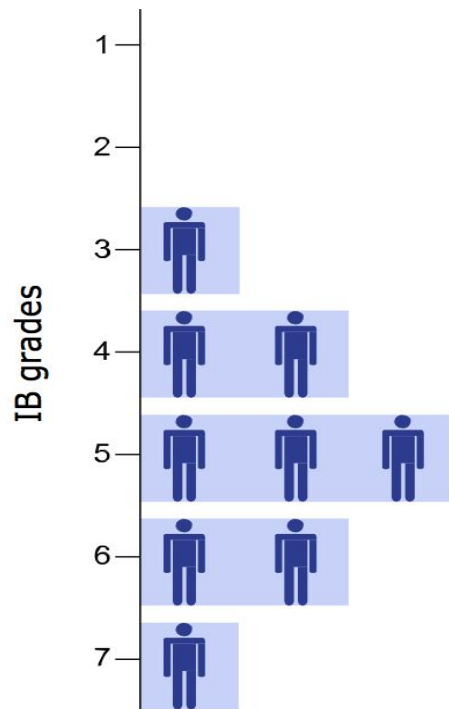
1. Everyone has the right to a standard of living adequate for the health and well-being of himself and of his family, including food, clothing, housing and medical care and necessary social services, and the right to security in the event of unemployment, sickness, disability, widowhood, old age or other lack of livelihood in circumstances beyond his control.
2. Motherhood and childhood are entitled to special care and assistance. All children, whether born in or out of wedlock, shall enjoy the same social protection.



Choose one of the articles in **Source D** and **explain** why it was included in the Universal Declaration of Human Rights.

Mathematics

IB grades for nine students are shown below:



Question 2a (1 mark)

State a grade that can be added that will leave the mean, mode and median unchanged.

5

1/1 Answer of 5 is correct, one mark awarded.

Question 2b (2 marks)

One student's grade was missing. When this tenth grade is added the new mean is 4.9.

Calculate the missing grade.

$$\begin{aligned}3+8+15+12+7&=45 \\45/9 &= 5 \\4.9 \times 10 &= 49 \\49-45 &= 4\end{aligned}$$

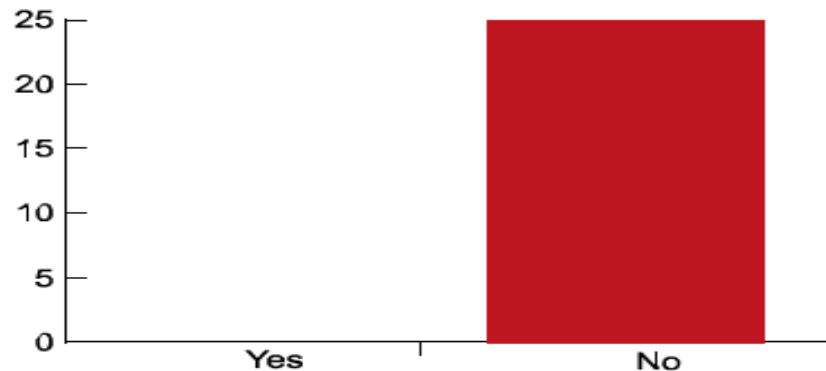
2/2 Answer of 4 is correct. Working is seen and shows clear reasoning to gain both marks.

Mathematics

The World Bank estimates that around 20% of the Bulgarian population are living in poverty. As part of a school project, a student in Bulgaria visits her local shopping centre at 15:00 on a Saturday afternoon. She asks 25 people

Do you live in poverty?

The bar chart below shows the responses to her question.



The student concludes

The World Bank must be wrong

Discuss the student's conclusion by considering possible reasons that may have affected the responses.

Science

Bt cotton is a genetically modified (GM) cotton plant that has been developed to produce its own pesticide which kills or deters insects from eating the plant. However, this is not a selective pesticide and the plant itself is toxic to other organisms.

Question 6a (17 marks)

Outline one experiment that could be conducted to study the possible effects of growing Bt cotton on an ecosystem. Your outline should include:

- a testable hypothesis
- identification of the variables
- a description of the method
- a description of how to manipulate the variables.

We will support students by:

- BYOD – English and Arabic typing
- Summative assessments will be in e-assessment format in G10 (started in G9)
- Providing all G10 students with e-assessment training and support sessions
- E-assessment mock exams before official exams in May
- e-assessment past examinations available for students on Moodle

Important Dates

- Dec 3rd PP report
- Dec 17th PP exhibition

- March 19th e-portfolios
- March 22nd – April 2nd mock exams

- April Modified timetable (focus on onscreen exam subjects)
- April 16th Interdisciplinary exam

- May 12th – 22nd E-assessments
- May 31st – June 4th Work Experience
- June 7th G10 Celebration (4pm)
- June 7th – 11th DP Orientation