



INTERNATIONAL SCHOOL
LUXEMBOURG

IB 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:

- addresses holistically students' **intellectual, social, emotional and physical well-being**
- provides students opportunities to develop the **knowledge, attitudes and skills** they need in order to manage complexity, and take responsible action for the future
- ensures breadth and depth of understanding through study in **eight subject groups**
- requires the study of at least **two languages** to support students in understanding their own cultures and those of others
- empowers students to participate in **service with the community**
- helps to prepare students **for further education, the workplace and a lifetime of learning.**

This curriculum is subject to change and may be adapted to suit the needs and interests of the students and adapted to fit appropriately in accordance with best practice and circumstances.

SUBJECT GROUP 8 DESIGN

Design, and the resultant development of new technologies, has given rise to profound changes in society, transforming how we access and process information, adapt our environment, communicate with others, solve problems, work and live. MYP design challenges students to apply practical and creative-thinking skills to solve design problems; encourages students to explore the role of design in historical and contemporary contexts; and raises students' awareness of their responsibilities when making design decisions and taking action.

MYP design enables students to develop not only practical skills but also strategies for creative and critical thinking.

The aims of MYP design are to encourage and enable students to:

- 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 their own actions developing effective working practices.

Skills and Understanding / Goals:

- Organization skills
- Research skills
- Creative-thinking skills
- Collaboration skills
- Technical and computer skills

Content:

Ancient to Modern Monuments

- The form a monument takes follows its function both develop over time and depend on space and place.

City Planning

- Systems interact in a city and adapt to the needs of the community, in a global society cities must innovate to be more sustainable.

Design a Public Building

- Buildings designed in the modern world must be sustainable and ergonomic while also reflecting the cultural heritage and expression of the society.