



Frequently Asked Questions

Science

What does the course entail?

Cycle 1 Science and Technology is an integrated Science course where students are introduced to scientific and technological concepts from a wide variety of fields including biology, chemistry, physics, geology, engineering & technology. The course has a theory and a lab component. Students can take the Science & Technology course in English (Sports-Études and English programs) or in French (Academic Plus and Immersion programs)

What Grade levels is this course offered at?

Grades 7-10 mandatory, 11 option.

What evaluation methods are used for this course?

Students get evaluated through a wide variety of informal and formal assessment. This can range from projects, presentations, quizzes, tests and labs. When students reach secondary 4, they will need to complete a Minitry exam at the end of the year.

What are the competencies for this course?

Science is evaluated through two competencies. Seeking answers or solutions to scientific or technological problems using the languages of science and technology and making the most of his/her knowledge of science and technology while communicating using the languages of science and technology.

Is this an option course?

Science is mandatory for all students in Grades 7 to 10, and Grade 10 Science is required to graduate from High School. Biology, Chemistry and Physics are options available in Grade 11.

What materials are required for this course?

Students will need basic school supplies for any science course. The school provides the lab equipment and materials for any science activity or lab. Students are also provided with a textbook that is loaned out for the school year. Depending the grade level, workbooks are also provided.

How do you help students who are struggling?

Strategies vary from teacher to teacher but support is catered to the specific needs of the student. Some strategies used include: - Tutorials and extra help at lunch hour - Hands on activities and labs help students understand more abstract concepts - Visual aids (models, graphic organizers, videos, etc.) - Opportunities for individual and group work - Adapting and modifying student work as per IEP recommendations

What opportunities are provided for enrichment?

In cycle one there are two streams of science. Students have the opportunity to take their science in either French or in English. When students reach Secondary 4, there are three difference science courses offered. Students can either take the Applied Science and Technology course (AST), the General Science and Technology (ST) course or the Environmental Science and Technology course (EST). The EST course is designed for high academic achieving students who wish to pursue science in secondary 5 (Physics and Chemistry). Student must pass secondary 4 science to receive their high school diploma.

What resources are used for this subject?

Some of the technological tools that Science teachers use include, but are not limited to: - Google Suite (Classroom, Slides, Docs, Forms, etc.) - Explore Learning Gizmos (for online, interactive laboratories) - Scratch and Microbits (to teach block coding) - Kahoot! and Quizizz (for fun interactive quizzes) - PearDeck (to share interactive slide presentations)

How often is this course offered?

The frequency of the science course varies depending on the chosen options.