



# The Quebec Education Program

*Secondary Picture for 2009-2010*

***Lester B. Pearson School Board***  
Educational Services Department  
1925 Brookdale, Dorval, QC H9P 2Y7

# Cycle 1 – Secondary 1 & 2

Cycle 1, Year 1		
Compulsory Subjects	Hours	Credits
English, Language of Instruction	150	6
French, Second Language	150	6
Mathematics	150	6
Science & Technology	100	4
Geography	75	3
History & Citizenship Education	75	3
Physical Education & Health	50	2
Arts (Drama, Music, Arts, Dance)	100	4
Ethics and Religious Culture	50	2
<b>Total Credits</b>		<b>36</b>

Cycle 1, Year 2		
Compulsory Subjects	Hours	Credits
English, Language of Instruction	150	6
French, Second Language	150	6
Mathematics	150	6
Science & Technology	100	4
Geography	75	3
History & Citizenship Education	75	3
Physical Education & Health	50	2
Arts (Drama, Music, Arts, Dance)	100	4
Ethics and Religious Culture	50	2
<b>Total Credits</b>		<b>36</b>

# Secondary 3

<b>General Education Path</b>		
<b>Compulsory Subjects</b>	<b>Hours</b>	<b>Credits</b>
English, Language of Instruction	150	6
French, Second Language	150	6
Mathematics	150	6
Science & Technology	150	6
History & Citizenship Education	100	4
Arts (Drama, Music, Visual Arts, Dance)	50	2
Physical Education & Health	50	2
<b>Elective Subjects</b>	100	4
<b>Total Credits</b>		<b>36</b>

<b>Applied General Education Path</b>		
<b>Compulsory Subjects</b>	<b>Hours</b>	<b>Credits</b>
English, Language of Instruction	150	6
French, Second Language	150	6
Mathematics	150	6
Applied Science & Technology	150	6
History & Citizenship Education	100	4
Arts (Drama, Music, Visual Arts, Dance)	50	2
Physical Education & Health	50	2
*Personal Orientation Project	100	4
<b>Total Credits</b>		<b>36</b>

*\*Students in Secondary 3 Applied General Ed. Path must take Personal Orientation Project (compulsory subject)*

# Secondary 4

<b>General Education Path</b>		
<b>Compulsory Subjects</b>	<b>Hours</b>	<b>Credits</b>
English, Language of Instruction	150	6
French, Second Language	100	4
Mathematics: Cultural, Social and Technical Option	100	4
Technical and Scientific Option Science Option	150	6
Science & Technology	100	4
History & Citizenship Education	100	4
Arts (Drama, Music, Visual Arts, Dance)	50	2
Physical Education & Health	50	2
Ethics & Religious Culture	100	4
<b>Elective Subjects</b>	100 or 150	4 or 6
<b>Total Credits</b>		36

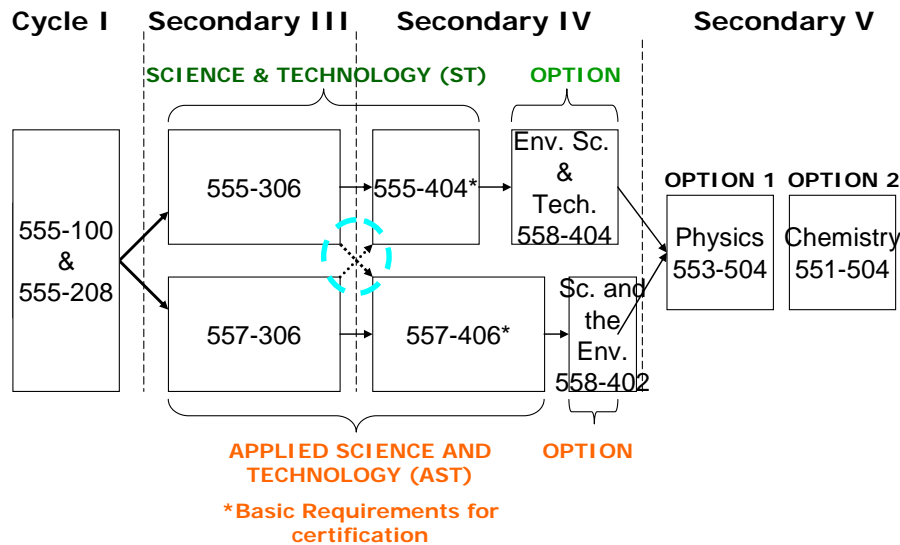
<b>Applied General Education Path</b>		
<b>Compulsory Subjects</b>	<b>Hours</b>	<b>Credits</b>
English, Language of Instruction	150	6
French, Second Language	100	4
Mathematics: Cultural, Social and Technical Option	100	4
Technical and Scientific Option Science Option	150	6
Applied Science & Technology	150	6
History & Citizenship Education	100	4
Arts (Drama, Music, Visual Arts, Dance)	50	2
Physical Education & Health	50	2
Ethics & Religious Culture	100	4
<b>Elective Subjects</b>		
Exploration of Vocational Training	50	2
Personal Orientation Project	or	or
Entrepreneurship	100	4
Science Bridge Course		
<b>Total Credits</b>		36

# Secondary 5

General Education Path		
Compulsory Subjects	Hours	Credits
English, Language of Instruction	150	6
French, Second Language	100	4
Mathematics: Cultural, Social and Technical Option	100	4
Technical and Scientific Option Science Option	150	6
Contemporary World	100	4
Arts (Drama, Music, Visual Arts, Dance)	50	2
Physical Education & Health	50	2
Ethics & Religious Culture	50	2
Integrative Project	50	2
<b>Elective Subjects</b>	200 or 250	8 Or 10
<b>Total Credits</b>		36

Applied General Education Path		
Compulsory Subjects	Hours	Credits
English, Language of Instruction	150	6
French, Second Language	100	4
Mathematics: Cultural, Social and Technical Option	100	4
Technical and Scientific Option Science Option	150	6
Contemporary World	100	4
Arts (Drama, Music, Visual Arts, Dance)	50	2
Physical Education & Health	50	2
Ethics & Religious Culture	50	2
Integrative Project	50	2
<b>Elective Subjects</b>	200 or 250	8 Or 10
<b>Total Credits</b>		36

# Science & Technology General Ed. and Applied Paths

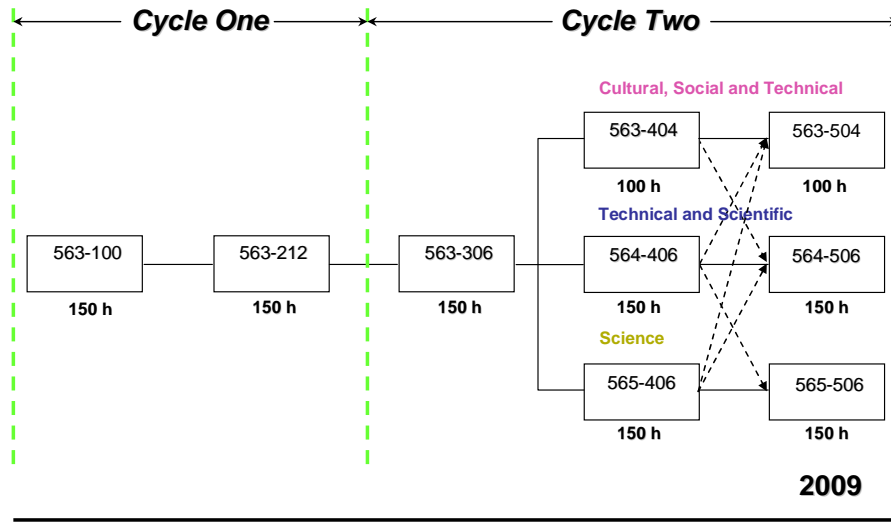


## How do the Science and Technology and Applied Science and Technology courses compare?

- Academically equivalent
  - Same competencies
  - 90% of content in common
  - Different in focus and approach
- General Path: Science and Technology (To help students gain a better understanding of scientific phenomena and technological achievements in order to understand more and make decisions about the world around them)
  - Focus: Scientific method and forming opinions
  - Approach: Scientific phenomenon or issue
- Applied Path: Applied Science and Technology (To help students gain a better understanding of scientific phenomena and technological achievements in order to develop a deeper understanding of how things work)
  - Focus: Technological design process and understanding how things work
  - Approach: A technological application

# Mathematics Options

Information on bridges between options available in new MELs document,  
Mathematics Program Secondary Cycle 2, September 2008.



## Mathematics

### Subject Options:

**Cultural, Social & Scientific (CST)** – prepares students for studies in the humanities, social sciences, communication and the arts.

**Technical & Scientific (TS)** – prepares students to work effectively in technical fields related to business, nutrition, biology, physics, fine and graphic arts

**Science (S)** – prepares students for the pursuit of the hard sciences and research by emphasizing abstract thinking

*All 3 options prepare students for postsecondary studies. Students who have taken the Technical and Scientific (TS) and those who have taken the Science (S) option will have equal access to all CEGEP-level pre-university or technical programs that have specific admission requirements in mathematics.*

## **Certification Requirements in effect as of May 1, 2010**

MELS awards a Secondary School Diploma to students who have earned 54 credits in Secondary IV and V, at least 20 of which must be at the Secondary V level. The following credits are compulsory:

- 6 Secondary V credits in English, language of instruction
- 4 Secondary V credits in French, second language
- 4 Secondary IV credits in Mathematics
- 4 Secondary IV credits in Science and Technology  
Or  
6 credits in Applied Science and Technology
- 4 Secondary IV credits in History and Citizenship Education
- 2 Secondary IV credits in Arts
- 2 Secondary V Ethics and Religious Culture or Physical Education and Health