

**CATALOGUE OF EVALUATION MATERIAL**

Youth Sector General Education

**Secondary School**



**September 2008**





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## Summary Table

Programs	Level	Exams	Documents	Items
Biology	5	2	0	290
Chemistry	5	29	0	703
Economics	5	14	0	1075
English Language Arts	4	6	4	0
	5	2	0	0
French as a Second Language	4	31	19	0
History	4	37	0	1428
Mathematics	4	30	0	2623
	5	35	0	2184
Physical Science	4	66	1	1634
Physics	5	29	0	764

# ENGLISH LANGUAGE ARTS

## Secondary 4 and Secondary 5

The Secondary English Language Arts program rests on the foundation that language is viewed both as a means of coming to terms with ideas and experiences as well as a medium for communicating with others. It aims to foster effective participation by students in the communication process and to lead them to use language effectively in formulating ideas. In order for students to have the opportunity to use language and hence, to be evaluated in their use of language, they must be placed in meaningful communication contexts that require them to think and to express themselves.

**Number of exams: 8**

### Types of Exams

Comprehensive Exam		S630416.E01
Eastern Quebec Regional School Board, Quebec High School, 1990		
<b>Length:</b> 7 class periods 1 two-hour final session	<b>Resource Material:</b> 1 Short Story 1 Article (non-fiction) 3 Poems 1 Cartoon	

Comprehensive Exam		S630416.E02
Lakeshore School Board, MacDonald High School, 1991		
<b>Length:</b> 8 class periods	<b>Resource Material:</b> 2 Poems 1 Diary (excerpt)	

Comprehensive Exam		S630416A.E03
Montreal Region, 1995 BIM National Committee, 1995-1997		
<b>Length:</b> Part 1: 3 to 4 periods Part 2: 5 periods Part 3: 3 periods Part 4: 3 hours final session	<b>Resource Material:</b> 4 excerpts 3 Poems Letters 1 Picture	

Comprehensive Exam		S630416B.E03
Montreal Region, 1995 BIM National Committee, 1995-1997		
<b>Length:</b> Part 1: 3 to 4 periods Part 2: 3 periods Part 3: 3 hours final session	<b>Resource Material:</b> 4 excerpts 3 Poems Letters 1 Picture	

Summative Exam Poetic and Transactional Writing		S630416.E04
Laval – Laurentides – Lanaudière Region, 2000 BIM National Committee, 2001-2003		
<b>Length:</b> Part 1: 4 periods Part 2: 4 periods Part 3: 3 hours	<b>Resource Material:</b> Information document S630416.I04 Literature resource booklet S630416.R04	

Summative Exam Poetic and Transactional Writing		S630416.E05
Laval – Laurentides – Lanaudière Region, 2000 BIM National Committee, 2001-2003		
<b>Length:</b> Part 1: 4 periods Part 2: 4 periods Part 3: 3 hours	<b>Resource Material:</b> Information document S630416.I05 Literature resource booklet S630416.R05	

Comprehensive Exam		S630516.E01
Lakeshore School Board, MacDonald High School, 1990		
<b>Length:</b> 7 class periods 1 two-hour final session	<b>Resource Material:</b> 5 Narrative selections (excerpts) 2 Non-fiction selections 2 Poems	

Comprehensive Exam		S630516.E02
Lakeshore School Board, MacDonald High School, 1991		
<b>Description:</b> Portfolio-Approach Written/Oral examination		

# FRENCH AS A SECOND LANGUAGE

## Secondary 4

The French as a Second Language program focuses on the development of both oral and written communication skills, but places greater emphasis on oral production. The global objective is to enable students to develop the ability to communicate in common situations requiring the use of French.

### Exams

The comprehensive exams assess the students' oral comprehension, written comprehension, and written expression. Each Reading exam is accompanied by a magazine featuring articles of interest to adolescents. Listening Comprehension exams have accompanying audio cassettes and scripts.\*

**\*Note:** Audio cassettes and compact discs for MELS exams are available through BIM now.

### Number of Exams

2 <sup>nd</sup> cycle	
Year	Number of Exams
Secondary 4	31

### Changes Made Since September 2007

#### Additions: Exams

S634414.E29

S634414.E30

S634414.E31

S634414.E32

S634414.E33

### Types of Exams

Comprehensive Listening Exam		S634414.E01
Québec – Chaudière – Appalaches Region, 1995 BIM National Committee, 1995-1997		
<b>Time:</b> 1 hour	<b>Number of items:</b> 25 multiple-choice questions	
Compact disc (112-054-01) or audiocassette (212-054-01) is required for this exam. The file name for the exam script is: S634414.S01.		

Comprehensive Reading Exam		S634414.E02
Québec – Chaudière – Appalaches Region, 1995 BIM National Committee, 1995-1997		
<b>Time:</b> 75 minutes	<b>Number of items:</b> 25 multiple-choice questions	
FLS Magazine S634214.M02 must be used with this exam.		

Comprehensive Speaking Exam		S634414.E03
Québec – Chaudière – Appalaches Region, 1995 BIM National Committee, 1995-1997		
<b>Time:</b> 45 minutes (during class periods)	<b>Number of tasks:</b> 1 (choice of 10 scenarios)	

Comprehensive Writing Exam		S634414.E04
Québec – Chaudière – Appalaches Region, 1995 BIM National Committee, 1995-1997		
<b>Time:</b> 1 hour 30 minutes	<b>Number of tasks:</b> 1 (choice of 2 topics)	

Comprehensive Listening Exam		S634414.E05
Montreal Region, 1996 BIM National Committee, 1996-1998		
<b>Time:</b> 1 hour	<b>Number of items:</b> 25 multiple-choice questions	
Compact disc (112-054-02) or audiocassette (212-054-02) is required for this exam. The file name for the exam script is: S634414.S05.		

Comprehensive Reading Exam		S634414.E06
Montreal Region, 1996 BIM National Committee, 1996-1998		
<b>Time:</b> 2 hours	<b>Number of items:</b> 40 multiple-choice questions	
FLS Magazine S634414.M06 must be used with this exam.		

Comprehensive Writing Exam		S634414.E07
Montreal Region, 1996 BIM National Committee, 1996-1998		
<b>Time:</b> 75 minutes	<b>Number of tasks:</b> 1 (choice of 2 topics)	

Comprehensive Listening Exam		S634414.E08
Montreal Region, 1997 BIM National Committee, 1997-1999		
<b>Time:</b> 1 hour	<b>Number of items:</b> 25 multiple-choice questions	
Compact disc (112-054-03) or audiocassette (212-054-03) is required for this exam. The file name for the exam script is: S634414.S08.		

Comprehensive Reading Exam		S634414.E09
Montreal Region, 1997 BIM National Committee, 1997-1999		
<b>Time:</b> 2 hours	<b>Number of items:</b> 40 multiple-choice questions	
FLS magazine S634414.M09 must be used with this exam.		

Comprehensive Writing Exam		S634414.E10
Montreal Region, 1997 BIM National Committee, 1997-1999		
<b>Time:</b> 75 minutes	<b>Number of tasks:</b> 1 (choice of 2 topics)	

Comprehensive Listening Exam		S634414.E11
Montreal Region, 1998 BIM National Committee, 1998-2000		
<b>Time:</b> 1 hour	<b>Number of items:</b> 25 multiple-choice questions	
Compact disc (112-054-04) or audiocassette (212-054-04) is required for this exam. The file name for the exam script is: S634414.S11.		

Comprehensive Reading Exam		S634414.E12
Montreal Region, 1998 BIM National Committee, 1998-2000		
<b>Time:</b> 2 hours	<b>Number of items:</b> 40 multiple-choice questions	
FLS Magazine S634414.M12 must be used with this exam.		

Comprehensive Writing Exam		S634414.E13
Montreal Region, 1998 BIM National Committee, 1998-2000		
<b>Time:</b> 75 minutes	<b>Number of items:</b> 1 (choice of 2 topics)	

Comprehensive Listening Exam		S634414.E14
Montréal – Laval Regions, 1998 BIM National Committee, 1999-2001		
<b>Time:</b> 1 hour	<b>Number of items:</b> 30 multiple-choice questions	
Compact disc (112-054-05) or audiocassette (212-054-05) is required for this exam. The file name for the exam script is: S634414.S14.		

<b>Comprehensive Reading Exam</b>		<b>S634414A.E15</b>
Version A		
Montreal and Laval Regions, 1998 BIM National Committee, 1999-2001		
<b>Time:</b> 2 hours	<b>Number of items:</b> 40 multiple-choice questions	
Version A is meant for students in the Regular French Stream. FLS Magazine S634414A.M15 must be used with this exam.		

<b>Comprehensive Reading Exam</b>		<b>S634414B.E15</b>
Version B		
Montreal and Laval Regions, 1998 BIM National Committee, 1999-2001		
<b>Time:</b> 2 hours	<b>Number of items:</b> 50 multiple-choice questions	
Version B is meant for students in French Immersion. FLS Magazine S634414B.M15 must be used with this exam.		

<b>Comprehensive Writing Exam</b>		<b>S634414.E16</b>
Montreal and Laval Regions, 1998 BIM National Committee, 1999-2001		
<b>Time:</b> 75 minutes	<b>Number of items:</b> 1 (choice of 2 topics)	

<b>Comprehensive Listening Exam</b>		<b>S634414.E17</b>
Eastern Townships Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 1 hour	<b>Number of items:</b> 25 multiple-choice questions	
Compact disc (112-054-06) or audiocassette (212-054-06) is required for this exam. The file name for the exam script is: S634414.S17.		

<b>Comprehensive Reading Exam</b>		<b>S634414.E18</b>
Eastern Townships Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 2 hours	<b>Number of items:</b> 50 multiple-choice questions	
FLS Magazine S634414.M18 must be used with this exam.		

<b>Comprehensive Writing Exam</b>		<b>S634414.E19</b>
Eastern Townships Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 75 minutes	<b>Number of tasks:</b> 1 (choice of 2 topics)	

<b>Comprehensive Listening Exam</b>		<b>S634414.E20</b>
Montreal Region, 2002 BIM National Committee, 2002-2004		
<b>Time:</b> 1 hour	<b>Number of items:</b> 30 multiple-choice questions	
Compact disc (112-054-07) or audiocassette (212-054-07) is required for this exam. The file name for the exam script is: S634414.S20.		

<b>Comprehensive Reading Exam</b>		<b>S634414.E21</b>
Montreal Region, 2002 BIM National Committee, 2002-2004		
<b>Time:</b> 2 hours	<b>Number of items:</b> 50 multiple-choice questions	
FLS Magazine S634414.M21 must be used with this exam.		

<b>Comprehensive Writing Exam</b>		<b>S634414.E22</b>
Montreal Region, 2002 BIM National Committee, 2002-2004		
<b>Time:</b> 75 minutes	<b>Number of tasks:</b> 1 (choice of 2 topics)	

<b>Comprehensive Listening Exam</b>		<b>S634414.E23</b>
Montreal and Eastern Townships Regions, 2002 BIM National Committee, 2003-2005		
<b>Time:</b> 60 to 75 minutes	<b>Number of items:</b> 30 multiple-choice questions	
Compact disc (112-054-08) or audiocassette (212-054-08) is required for this exam. The file name for the exam script is: S634414.S23.		

<b>Comprehensive Reading Exam</b>		<b>S634414.E24</b>
Montreal and Eastern Townships Regions, 2002 BIM National Committee, 2003-2005		
<b>Time:</b> 2 hours	<b>Number of items:</b> 40 multiple-choice questions	
FLS Magazine S634414.M24 must be used with this exam.		

Comprehensive Writing Exam		S634414.E25
Montreal and Eastern Townships Regions, 2002 BIM National Committee, 2003-2005		
<b>Time:</b> 75 minutes	<b>Number of tasks:</b> 1 (choice of 2 topics)	

Comprehensive Reading Exam		S634414.E29
Montreal Region BIM National Committee, 2006-2008		<i>New</i>
<b>Time:</b> 2 hours	<b>Number of items:</b> 50 multiple-choice questions	
FLS Magazine S634414.M29 must be used with this exam.		

Comprehensive Writing Exam		S634414.E30
Montreal Region BIM National Committee, 2006-2008		<i>New</i>
<b>Time:</b> 75 minutes	<b>Number of tasks:</b> 1 (choice of 2 topics)	

Comprehensive Listening Exam		S634414.E31
Montreal Region BIM National Committee, 2007-2008		<i>New</i>
<b>Time:</b> 1 hour	<b>Number of items:</b> 30 multiple-choice questions	
Compact disc (112-054-10) or audiocassette (212-054-10) is required for this exam. The file name of the exam script is S634414.S31.		

Comprehensive Reading Exam		S634414.E32
Montreal Region BIM National Committee, 2007-2008		<i>New</i>
<b>Time:</b> 2 hours	<b>Number of items:</b> 50 multiple-choice questions	
FLS Magazine S634414.M32 must be used with this exam.		

Comprehensive Writing Exam		S634414.E33
Montreal Region BIM National Committee, 2007-2008		<i>New</i>
<b>Time:</b> 75 minutes	<b>Number of tasks:</b> 1 (choice of 2 topics)	

# MATHEMATICS

## Secondary 4 Program (568-416)

### Global Objectives

These objectives summarize the role that mathematics plays in providing students with the basic education they need to integrate into our ever-changing society.

- ▶ Establishing links
- ▶ Communicating
- ▶ Problem solving
- ▶ Reasoning

### General Objectives

1. To help students learn to apply their knowledge of algebra (ALG).
2. To help students develop their ability to analyze geometric situations (GEO).
3. To help students develop the ability to analyze statistical data (STA).

The terminal and intermediate objectives of the program clarify and expand the scope of the general objectives.

### Items

The items are related to the terminal or the intermediate\* objectives of each general objective. They are classified as follows:

General Objectives	Types of Items	Skills
<b>Objective n° 1:</b> ALG <b>Objective n° 2:</b> GEO <b>Objective n° 3:</b> STA	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer <b>A:</b> Association (matching)	<b>C:</b> Mastery of concepts <b>A:</b> Mastery of applications <b>P:</b> Mastery of problem solving techniques

\*The intermediate objectives have been numbered by BIM to make it easier to search for items in the bank.

### Exams

**Number of exams:** 18

### Changes Made Since September 2007

#### Additions: Exams

Exam template (MELS 2008)  
Québec-Chaudière-Appalaches Region  
MAST 2008  
Abitibi Region

#### Items

Nos. 494 to 518 (items MELS 2008)  
Nos. 366 to 371, 373 to 390  
Nos. 491 to 493  
Nos. 416 to 440

## Number of Items by Theme, by Type and by Skill (in Word Format)

Themes	Types of Items				Skills			Total
	A	M	C	E	C	A	P	
<b>ALG</b>	5	97	53	87	62	103	77	<b>242</b>
<b>GEO</b>	3	121	45	88	82	94	81	<b>257</b>
<b>STA</b>	-	63	41	39	52	51	40	<b>143</b>
<b>Total</b>	<b>8</b>	<b>281</b>	<b>139</b>	<b>214</b>	<b>196</b>	<b>248</b>	<b>198</b>	<b>642</b>

Note: Items bearing numbers **greater than 2000** are Mathematics Coordinating Committee items.

## Types of Exams

Comprehensive Exam		S568416.E01
Québec – Chaudière – Appalaches Region, 1997 BIM National Committee, 1997-1999		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 6 multiple-choice items 10 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 26 to 50.		

Comprehensive Exam		S568416.E02
Outaouais Region, 1999 BIM National Committee, 1999-2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 12 multiple-choice items 1 association item 6 short-answer items 6 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 1 to 25.		

Comprehensive Exam		S568416.E03
Côte-Nord Region, 1998 BIM National Committee, 1998-2000		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 9 multiple-choice items 1 association item 7 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 51 to 75.		

Comprehensive Exam		S568416.E04
Laval – Laurentides – Lanaudière Region, 1999 BIM National Committee, 1999-2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 11 multiple-choice items 8 short-answer items 6 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 116 to 140.		

Complementary Exam		S568416.E05
MEQ, June 1998		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 4 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 141 to 165.		

Comprehensive Exam		S568416.E06
Mathematics Coordinating Committee Summative Exam, 1999		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 3 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 166 to 190.		

Comprehensive Exam		S568416.E07
Abitibi-Témiscamingue Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 1 association item (matching) 4 short-answer items 7 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 191 to 215.		

Comprehensive Exam		S568416.E08
Montreal Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 11 multiple-choice items 6 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 216 to 240.		

Comprehensive Exam		S568416.E09
Mauricie and Centre-du-Québec Region BIM National Committee, 2002-2004		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 11 multiple-choice items 1 association item (matching) 5 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 241 to 265.		

Comprehensive Exam		S568416.E10
Québec – Chaudière – Appalaches Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 11 multiple-choice items 6 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 266 to 290.		

Complementary Exam		S568416.E11
MEQ, June 2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 12 multiple-choice items 5 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 291 to 315.		

Comprehensive Exam		S568416.E12
Montreal Region BIM National Committee, 2003-2005		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 9 multiple-choice items 9 short-answer items 7 extended-answer items	
The items for this exam can be found in the Mathematics 568-416 item bank bearing the numbers 316 to 340.		

Comprehensive Exam		S568416.E13
Outaouais Region, 2003 BIM National Committee, 2004-2006		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 9 multiple-choice items 1 association item (matching) 6 short-answer items 9 extended-answer items	
The items for this exam can be found in the Mathematics 568-416 item bank bearing the numbers 341 to 365.		

Comprehensive Exam		S568416.E50
Mathematics Coordinating Committee Summative Exam, 2000		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 12 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 2001 to 2025.		

Comprehensive Exam		S568416.E52
Mathematics Coordinating Committee Summative Exam, 2002		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 12 multiple-choice items 13 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 2026 to 2050.		

Comprehensive Exam		S568416.E53
Mathematics Coordinating Committee Summative Exam, 2003		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 7 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 2051 to 2075.		

Comprehensive Exam		S568416.E54
Mathematics Coordinating Committee Examination, 2004		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 7 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-416 item bank bearing the numbers 2076 to 2100. Item 2101, another version of item 2082, was also added.		

Comprehensive Exam		S568416.E55
Mathematics and Science & Technology Committee, 2005		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 7 short-answer items 8 extended-answer items	
The items for this exam can be found in the Mathematics 568-416 item bank bearing the numbers 2102 to 2126.		

Exam Template		MELS 2005
MELS, June 2005		
The items for this exam can be found in the Mathematics 568-416 item bank bearing the numbers 391 to 415.		

Exam Template		MELS 2006
MELS, June 2006		
The items for this exam can be found in the Mathematics 568-416 item bank bearing the numbers 441 to 465.		

**Exam Template****MELS 2007**

MELS, June 2007

The items for this exam can be found in the Mathematics 568-416 item bank bearing the numbers 466 to 490.

**Exam Template****MELS 2008**

MELS, June 2008

***New***

The items for this exam can be found in the Mathematics 568-416 item bank bearing the numbers 494 to 518.

## Secondary 4 Program (568-426)

### Global Objectives

These objectives summarize the role that mathematics plays in providing students with the basic education they need to integrate into our ever-changing society.

- ▶ Establishing links
- ▶ Communicating
- ▶ Problem solving
- ▶ Reasoning

### General Objectives

1. To help students develop their ability to use algebra (ALG).
2. To help students develop their ability to analyze geometric situations (GEO).
3. To help students develop a more critical attitude towards a statistical study (STA).

The terminal and intermediate objectives of the program clarify and expand the scope of the general objectives.

### Items

The items are related to the terminal or the intermediate\* objectives of each general objective. They are classified as follows:

General Objectives	Types of Items	Skills
<b>Objective n° 1:</b> ALG <b>Objective n° 2:</b> GEO <b>Objective n° 3:</b> STA	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer	<b>C:</b> Mastery of concepts <b>A:</b> Mastery of applications <b>P:</b> Mastery of problem solving techniques

\*The intermediate objectives have been numbered by BIM to make it easier to search for items in the bank.

### Exams

**Number of exams:** 6

### Changes Made Since September 2007

#### **Additions: Exams**

Exam template (MELS 2008)

#### **Items**

Nos. 929 to 953 (items MELS 2008)

## Number of Items by Theme, by Type and by Skill

Themes	Types of Items				Skills			Total
	A	M	C	E	C	A	P	
<b>ALG</b>	-	282	152	145	162	335	82	<b>579</b>
<b>GEO</b>	-	207	58	102	129	157	83	<b>367</b>
<b>STA</b>	1	21	17	16	19	20	16	<b>55</b>
<b>Total</b>	<b>1</b>	<b>510</b>	<b>227</b>	<b>263</b>	<b>308</b>	<b>512</b>	<b>181</b>	<b>1001</b>

## Types of Exams

Comprehensive Exam		S568426.E01
Laval – Laurentides – Lanaudière Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 4 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-426 item bank bearing the numbers 1 to 25.		

Complementary Exam		S568426.E02
MEQ, June 2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 7 short-answer items 8 extended-answer items	
The items for the written part of this exam can be found in the Mathematics 568-426 item bank bearing the numbers 26 to 50.		

Comprehensive Exam		S568426.E03
Mauricie – Centre du Québec Region BIM National Committee, 2003-2005		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 8 multiple-choice items 8 short-answer items 9 extended-answer items	
The items for this exam can be found in the Mathematics 568-426 item bank bearing the numbers 51 to 75.		

Comprehensive Exam		S568426.E04
Quebec – Chaudière – Appalaches Region, 2003 BIM National Committee, 2004-2006		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 6 short-answer items 9 extended-answer items	
The items for this exam can be found in the Mathematics 568-426 item bank bearing the numbers 804 to 828.		

Comprehensive Exam		S568426.E52
Mathematics Coordinating Committee Summative Exam, 2002		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 7 short-answer items 8 extended-answer items	
The items for the written part of this exam can be found in the Mathematics 568-426 item bank bearing the numbers 2001 to 2025.		

Comprehensive Exam		S568426.E53
Mathematics Coordinating Committee Summative Exam, 2003		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 7 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-426 item bank bearing the numbers 2026 to 2050.		

Exam Template	MEQ 2004
MEQ, June 2004	
The items in this exam template can be found in the Mathematics 568-426 item bank bearing the numbers 829 to 853.	

Exam Template	MELS 2005
MELS, June 2005	
The items for this exam can be found in the Mathematics 568-426 item bank bearing the numbers 854 to 878.	

<b>Exam Template</b>	<b>MELS 2006</b>
MELS, June 2006	
The items for this exam can be found in the Mathematics 568-426 item bank bearing the numbers 879 to 903.	

<b>Exam Template</b>	<b>MELS 2007</b>
MELS, June 2007	
The items for this exam can be found in the Mathematics 568-426 item bank bearing the numbers 904 to 928.	

<b>Exam Template</b>	<b>MELS 2008</b>
MELS, June 2008	<b><i>New</i></b>
The items for this exam can be found in the Mathematics 568-426 item bank bearing the numbers 929 to 953.	

## Secondary 4 Program (568-436)

### Global Objectives

These objectives summarize the role that mathematics plays in providing students with the basic education they need to integrate into our ever-changing society.

- ▶ Establishing links
- ▶ Communicating
- ▶ Problem solving
- ▶ Reasoning

### General Objectives

1. To help students develop their ability to use algebra (ALG).
2. To help students develop their ability to analyze geometric situations (GEO).
3. To help students develop a more critical attitude towards a statistical study (STA).

The terminal and intermediate objectives of the program clarify and expand the scope of the general objectives.

### Items

The items are related to the terminal or the intermediate\* objectives of each general objective. They are classified as follows:

General Objectives	Types of Items	Skills
<b>Objective n° 1:</b> ALG <b>Objective n° 2:</b> GEO <b>Objective n° 3:</b> STA	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer	<b>C:</b> Mastery of concepts <b>A:</b> Mastery of applications <b>P:</b> Mastery of problem solving techniques

\*The intermediate objectives have been numbered by BIM to make it easier to search for items in the bank.

### Exams

**Number of exams:** 6

### Changes Made Since September 2007

**Additions: Items:** Nos. 956 to 980 (items MELS 2008)

**Exam Template:** MELS 2008

## Number of Items by Theme, by Type and by Skill

Themes	Types of Items			Skills			Total
	M	C	E	C	A	P	
<b>ALG</b>	279	143	146	163	320	85	<b>568</b>
<b>GEO</b>	213	57	99	130	158	81	<b>369</b>
<b>STA</b>	22	7	14	14	15	14	<b>43</b>
<b>Total</b>	<b>514</b>	<b>207</b>	<b>259</b>	<b>307</b>	<b>493</b>	<b>180</b>	<b>980</b>

## Types of Exams

Comprehensive Exam		S568436.E01
Outaouais Region, 1997 BIM National Committee, 1997-1999		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 12 multiple-choice items 5 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-436 item bank bearing the numbers 1 to 25.		

Complementary Exam		S568436.E02
MEQ, June 1997		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 15 multiple-choice items 4 short-answer items 6 extended-answer items	
The items in this exam can be found in the Mathematics 568-436 item bank bearing the numbers 681 to 705.		

Complementary Exam		S568436.E03
MEQ, June 1998		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 4 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-436 item bank bearing the numbers 706 to 730.		

Complementary Exam		S568436.E04
MEQ, June 1999		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 4 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-436 item bank bearing the numbers 731 to 755.		

Complementary Exam		S568436.E05
MEQ, June 2000		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 6 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-436 item bank bearing the numbers 756 to 780.		

Secondary School Leaving Exam		S568436.E06
MEQ, June 2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 12 multiple-choice items 5 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-436 item bank bearing the numbers 781 to 805.		

Exam Template		MEQ 2002
MEQ, June 2002		
The items in this exam template can be found in the Mathematics 568-436 item bank bearing the numbers 806 to 830.		

Exam Template		MEQ 2003
MEQ, June 2003		
The items in this exam template can be found in the Mathematics 568-436 item bank bearing the numbers 831 to 855.		

Exam Template	MEQ 2004
MEQ, June 2004	
The items in this exam template can be found in the Mathematics 568-436 item bank bearing the numbers 856 to 880.	

Exam Template	MELS 2005
MELS, June 2005	
The items in this exam template can be found in the Mathematics 568-436 item bank bearing the numbers 881 to 905.	

Exam Template	MELS 2006
MELS, June 2006	
The items in this exam template can be found in the Mathematics 568-436 item bank bearing the numbers 906 to 930.	

Exam Template	MELS 2006
MELS, June 2006	
The items in this exam template can be found in the Mathematics 568-436 item bank bearing the numbers 906 to 930.	

Exam Template	MELS 2007
MELS, June 2007	
The items in this exam template can be found in the Mathematics 568-436 item bank bearing the numbers 931 to 955.	

Exam Template	MELS 2008
MELS, June 2008	<b><i>New</i></b>
The items in this exam template can be found in the Mathematics 568-436 item bank bearing the numbers 956 to 980.	

## Secondary 5 Program (568-514)

### Global Objectives

These objectives summarize the role that mathematics plays in providing students with the basic education they need to integrate into our ever-changing society.

- ▶ Establishing links
- ▶ Communicating
- ▶ Problem solving
- ▶ Reasoning

### General Objectives

1. To help students learn to apply optimization techniques (OPT).
2. To help students develop their ability to analyze statistical data or data related to probabilities (STA).
3. To help students analyze geometric situations (GEO).

The terminal and intermediate objectives of the program clarify and expand the scope of the general objectives.

### Items

The items are related to the terminal or the intermediate\*objectives of each general objective. They are classified as follows:

General Objectives	Types of Items	Skills
<b>Objective n° 1:</b> OPT <b>Objective n° 2:</b> STA <b>Objective n° 3:</b> GEO	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer	<b>C:</b> Mastery of concepts <b>A:</b> Mastery of applications <b>P:</b> Mastery of problem solving techniques

\*The intermediate objectives have been numbered by BIM to make it easier to search for items in the bank.

### Exams

**Number of exams:** 5

### Changes Made Since September 2007

**Additions: Items:** Nos. 410 to 434 (items MELS 2008)

**Exam Template:** MELS 2008

## Number of Items by Theme, by Type and by Skill

Themes	Types of items			Skills			Total
	M	C	E	C	A	P	
<b>OPT</b>	120	54	81	87	92	76	<b>255</b>
<b>STA</b>	48	28	42	28	49	41	<b>118</b>
<b>GEO</b>	29	18	14	24	24	13	<b>61</b>
<b>Total</b>	<b>197</b>	<b>100</b>	<b>137</b>	<b>139</b>	<b>165</b>	<b>130</b>	<b>434</b>

## Types of Exams

Comprehensive Exam		S568514.E01
Laval – Laurentides – Lanaudière Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 14 multiple-choice items 4 short-answer items 7 extended-answer items	
The items in this exam can be found in the Mathematics 568-514 item bank bearing the numbers 135 to 159.		

Complementary Exam		S568514.E02
MEQ, June 1998		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 4 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-514 item bank bearing the numbers 160 to 184.		

Complementary Exam		S568514.E03
MEQ, June 1999		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 4 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-514 item bank bearing the numbers 210 to 234.		

Complementary Exam		S568514.E04
MEQ, June 2000		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 12 multiple-choice items 3 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-514 item bank bearing the numbers 185 to 209.		

Complementary Exam		S568514.E05
MEQ, June 2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 12 multiple-choice items 5 short-answer items 8 extended-answer items	
The items in this exam can be found in the Mathematics 568-514 item bank bearing the numbers 235 to 259.		

Exam Template	MEQ 2002
MEQ, June 2002	
The items in this exam template can be found in the Mathematics 568-514 item bank bearing the numbers 260 to 284.	

Exam Template	MEQ 2003
MEQ, June 2003	
The items in this exam template can be found in the Mathematics 568-514 item bank bearing the numbers 285 to 309.	

Exam Template	MEQ 2004
MEQ, June 2004	
The items in this exam template can be found in the Mathematics 568-514 item bank bearing the numbers 310 to 334.	

Exam Template	MELS 2005
MELS, June 2005	
The items for this exam template can be found in the Mathematics 568-514 item bank bearing the numbers 335 to 359.	

**Exam Template****MELS 2006**

MELS, June 2006

The items for this exam template can be found in the Mathematics 568-514 item bank bearing the numbers 360 to 384.

**Exam Template****MELS 2007**

MELS, June 2007

The items for this exam template can be found in the Mathematics 568-514 item bank bearing the numbers 385 to 409.

**Exam Template****MELS 2008**

MELS, June 2008

***New***

The items for this exam template can be found in the Mathematics 568-514 item bank bearing the numbers 410 to 434.

## Secondary 5 Program (568-526)

### Global Objectives

These objectives summarize the role that mathematics plays in providing students with the basic education they need to integrate into our ever-changing society.

- ▶ Establishing links
- ▶ Communicating
- ▶ Problem solving
- ▶ Reasoning

### General Objectives

1. To help students develop their ability to use algebra (ALG).
2. To help students develop their ability to analyze geometric situations (GEO).
3. To help students develop their ability to analyze statistical data (STA).

The terminal and intermediate objectives of the program clarify and expand the scope of the general objectives.

### Items

The items are related to the terminal or the intermediate\*objectives of each general objective. They are classified as follows:

General Objectives	Types of Items	Skills
<b>Objective n° 1:</b> ALG <b>Objective n° 2:</b> GEO <b>Objective n° 3:</b> STA	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer	<b>C:</b> Mastery of concepts <b>A:</b> Mastery of applications <b>P:</b> Mastery of problem solving techniques

\*The intermediate objectives have been numbered by BIM to make it easier to search for items in the bank.

### Exams

**Number of exams:** 12

### Changes Made Since September 2007

Additions: Exam	Items
S568526.E06	Nos. 699 to 723
S568526.E58*	Nos. 2151 to 2175

\*This exam was initially distributed in June 2008 under the aegis of the Mathematics and Science & Technology Committee (MaST).

## Number of Items by Theme, by Type and by Skill

Themes	Types of Items			Skills			Total
	M	C	E	C	A	P	
<b>ALG</b>	244	99	178	182	208	131	<b>521</b>
<b>GEO</b>	105	31	73	56	91	62	<b>209</b>
<b>STA</b>	26	8	23	18	21	18	<b>57</b>
<b>Total</b>	<b>375</b>	<b>138</b>	<b>274</b>	<b>256</b>	<b>320</b>	<b>211</b>	<b>787</b>

## Type of Exam

Comprehensive Exam		S568526.E01
Laval – Laurentides – Lanaudière Region BIM National Committee, 2002 to 2004		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 12 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 1 to 25.		

Comprehensive Exam		S568526.E02
Québec – Chaudière – Appalaches Region BIM National Committee, 2003-2005		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 9 multiple-choice items 6 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 575, 580, 582, 584 to 587, 590, 592 to 594, 598, 599, 602, 605 to 608, 611 to 613, 615, 624, 626 and 627.		

Comprehensive Exam		S568526.E03
Québec – Chaudière – Appalaches Region BIM National Committee, 2004-2006		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 628 to 652.		

Comprehensive Exam		S568526.E04
Québec – Chaudière – Appalaches Region, 2004 BIM National Committee, 2005-2007		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 6 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 653 to 673, 2033, 2039, 2043 and 2046. Items 2033, 2039, 2043 and 2046 are original items from MCC examination S568526.E54.		

Comprehensive Exam		S568526.E06
Québec – Chaudière – Appalaches Region, 2006 BIM National Committee, 2006-2008		<b>New</b>
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 699 to 723.		

Comprehensive Exam		S568526.E51
Mathematics Coordinating Committee Summative Exam, 2001 (Revised)		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 6 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 2051 to 2075.		

Comprehensive Exam		S568526.E53
Mathematics Coordinating Committee Summative Exam, 2003		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 6 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 2001 to 2025.		

Comprehensive Exam		S568526.E54
Mathematics Coordinating Committee Examination, 2004		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 2026 to 2050.		

Comprehensive Exam		S568526.E55
Mathematics and Science & Technology Committee Summative Exam, 2005		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 2076 to 2100.		

Comprehensive Exam		S568526.E56
Mathematics and Science & Technology Committee, 2006		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 2101 to 2125.		

Comprehensive Exam		S568526.E57
Mathematics and Science & Technology Committee, 2007		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 6 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 2126 to 2150.		

Comprehensive Exam		S568526.E58
Mathematics and Science & Technology Committee, 2008		<b>New</b>
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 6 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-526 item bank bearing the numbers 2151 to 2175.		

## Secondary 5 Program (568-536)

### Global Objectives

These objectives summarize the role that mathematics plays in providing students with the basic education they need to integrate into our ever-changing society.

- ▶ Establishing links
- ▶ Communicating
- ▶ Problem solving
- ▶ Reasoning

### General Objectives

1. To help students develop their ability to use algebra (ALG).
2. To help students develop their ability to analyze geometric situations (GEO).
3. To help students develop their ability to analyze statistical data (STA).

The terminal and intermediate objectives of the program clarify and expand the scope of the general objectives.

### Items

The items are related to the terminal or the intermediate\* objectives of each general objective. They are classified as follows:

General Objectives	Types of Items	Skills
<b>Objective n° 1:</b> ALG <b>Objective n° 2:</b> GEO <b>Objective n° 3:</b> STA	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer	<b>C:</b> Mastery of concepts <b>A:</b> Mastery of applications <b>P:</b> Mastery of problem solving techniques

\*The intermediate objectives have been numbered by BIM to make it easier to search for items in the bank.

### Exams

**Number of exams:** 18

### Changes Made Since September 2007

#### Additions: Exams

S568536.E10

S568536.E58\*

Mauricie - Centre-du-Québec Region

#### Items

Nos. 719 to 743

Nos. 2182 to 2206

Nos. 744 to 748, 751 to 757, 759, 762 to 768

\*This exam was initially distributed in June 2008 under the aegis of the Mathematics and Science & Technology Committee (MaST).

## Number of Items by Theme, by Type and by Skill

Themes	Types of Items				Skills			Total
	A	M	C	E	C	A	P	
<b>ALG</b>	1	310	116	227	206	283	165	<b>654</b>
<b>GEO</b>	1	125	29	93	69	102	77	<b>248</b>
<b>STA</b>	1	25	7	28	17	28	16	<b>61</b>
<b>Total</b>	<b>3</b>	<b>460</b>	<b>152</b>	<b>348</b>	<b>292</b>	<b>413</b>	<b>258</b>	<b>963</b>

Note: Items bearing numbers **greater than 2000** are Mathematics Coordinating Committee items.

## Types of Exams

Comprehensive Exam		S568536.E01
Montreal Region, 1999 BIM National Committee, 1999-2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 15 multiple-choice items 4 short-answer items 6 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 476 to 500.		

Comprehensive Exam		S568536.E02
Laval – Laurentides – Lanaudière Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 14 multiple-choice items 11 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 526 to 550.		

Comprehensive Exam		S568536.E03
Québec – Chaudière – Appalaches Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 4 short-answer items 11 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 551 to 575.		

Complementary Exam		S568536.E04
MEQ, June 1999		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 3 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 501 to 525.		

Comprehensive Exam		S568536.E05
Outaouais Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 8 multiple-choice items 4 short-answer items 13 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 576 to 600.		

Comprehensive Exam		S568536.E06
Montreal Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 11 multiple-choice items 4 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 601 to 625.		

Comprehensive Exam		S568536.E07
Laval – Laurentides – Lanaudière Region BIM National Committee, 2003 to 2005		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 2 short-answer items 13 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 626 to 650.		

Comprehensive Exam		S568536.E08
Abitibi-Témiscamingue Region, 2002 BIM National Committee, 2004-2006		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 1 association item (matching) 4 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 676 to 700.		

Comprehensive Exam		S568536.E09
Abitibi-Témiscamingue Region, 2004 BIM National Committee, 2005-2007		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 701 to 718, 2077, 2086, 2087, 2090, 2094 to 2096.		

Comprehensive Exam		S568536.E10
Quebec – Chaudière-Appalaches Region, 2006 BIM National Committee, 2006-2008		<b>New</b>
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 719 to 743.		

Complementary Exam		S568536.E50
Mathematics Coordinating Committee Summative Exam, 2000		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 3 short-answer items 9 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 2001 to 2025.		

Comprehensive Exam		S568536.E51
Mathematics Coordinating Committee Summative Exam, 2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 13 multiple-choice items 12 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 2026 to 2050.		

Comprehensive Exam		S568536.E53
Mathematics Coordinating Committee Summative Exam, 2003		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 2051 to 2075.		

Comprehensive Exam		S568536.E54
Mathematics Coordinating Committee Summative Exam, 2004		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 2076 to 2100.		

Comprehensive Exam		S568536.E55
Mathematics and Science & Technology Committee Summative Exam, 2005		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 10 multiple-choice items 5 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 2106 to 2130.		

Comprehensive Exam		S568536.E56
Mathematics and Science & Technology Committee, 2006		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 8 multiple-choice items 7 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 2131 to 2155.		

Comprehensive Exam		S568536.E57
Mathematics and Science & Technology Committee, 2007		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 8 multiple-choice items 7 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 2157 to 2181.		

Comprehensive Exam		S568536.E58
Mathematics and Science & Technology Committee, 2008		<b><i>New</i></b>
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 8 multiple-choice items 7 short-answer items 10 extended-answer items	
The items in this exam can be found in the Mathematics 568-536 item bank bearing the numbers 2182 to 2206.		

# HISTORY OF QUEBEC AND CANADA

## Secondary 4 (585-414)

The History of Quebec and Canada course focuses on an understanding of the evolution of Quebec society within the Canadian, North American and Western contexts. The learning objectives are divided among seven modules.

### Items

The items treat historical realities under social, economic, political, religious, and cultural aspects.

In general, the items comprise historical documents.

The items are classified by module, by terminal objective and by type according to the following headings:

Number and Name of Module	Type of Items	Skills
<b>Module 1:</b> The French Empire in America <b>Module 2:</b> Canadian Society During the French Regime <b>Module 3:</b> The Conquest and the Start of British Rule <b>Module 4:</b> The Early Stages of Parliamentary Government <b>Module 5:</b> Quebec and Confederation <b>Module 6:</b> Industrial Development <b>Module 7:</b> Contemporary Quebec <b>RECTHEME:</b> Recurring Theme	<b>A:</b> Association <b>C:</b> Short answer <b>E:</b> Extended answer <b>M:</b> Multiple choice	<b>A:</b> Analyse <b>D:</b> Describe <b>S:</b> Synthesize

### Exams

**Number of exams:** 37

### Changes Made Since September 2007

**Additions:** **Items:** Nos. 1832 to 1860 (items MELS 2008)

**Exam Template:** MELS 2007

## Number of Items by Module, by Type and by Skill

Modules	Types of Items				Skills			Total
	M	C	A	E	A	D	S	
<b>M01</b>	153	62	3	-	102	83	33	<b>218</b>
<b>M02</b>	144	47	1	1	80	67	46	<b>193</b>
<b>M03</b>	108	39	1	1	77	56	16	<b>149</b>
<b>M04</b>	122	53	4	2	81	58	42	<b>181</b>
<b>M05</b>	142	53	1	1	95	57	45	<b>197</b>
<b>M06</b>	153	63	3	1	97	82	41	<b>220</b>
<b>M07</b>	206	107	6	2	141	91	89	<b>321</b>
<b>RECTHEME</b>	1	2	1	3	1	1	5	7
<b>Total</b>	<b>1029</b>	<b>426</b>	<b>20</b>	<b>11</b>	<b>674</b>	<b>495</b>	<b>317</b>	<b>1486</b>

## Types of Exams

Secondary School Leaving Examination		S585414.E09
MEQ, June 1990		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 531 to 560.		

Secondary School Leaving Examination		S585414.E11
MEQ, January 1991		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 591 to 620.		

Secondary School Leaving Examination		S585414.E12
MEQ, June 1991		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 621 to 650.		

Secondary School Leaving Examination		S585414.E14
MEQ, January 1992		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 681 to 710.		

Secondary School Leaving Examination		S585414.E15
MEQ, June 1992		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 711 to 740.		

Secondary School Leaving Examination		S585414.E17
MEQ, January 1993		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 771 to 800.		

Secondary School Leaving Examination		S585414.E18
MEQ, June 1993		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 801 to 830.		

Secondary School Leaving Examination		S585414.E20
MEQ, January 1994		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 861 to 890.		

Secondary School Leaving Examination		S585414.E21
MEQ, June 1994		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 891 to 920.		

Secondary School Leaving Examination		S585414.E23
MEQ, January 1995		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 951 to 980.		

Secondary School Leaving Examination		S585414.E24
MEQ, June 1995		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 981 to 1010.		

Secondary School Leaving Examination		S585414.E26
MEQ, January 1996		
<b>Time:</b> 2 hours	<b>Number of items:</b> 3022 multiple-choice items 6 short-answer items 2 association items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1041 to 1070.		

Secondary School Leaving Examination		S585414.E27
MEQ, June 1996		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1071 to 1100.		

Secondary School Leaving Examination		S585414.E29
MEQ, January 1997		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1421 to 1450.		

Secondary School Leaving Examination		S585414.E30
MEQ, June 1997		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1451 to 1480.		

Secondary School Leaving Examination		S585414.E32
MEQ, January 1998		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1481 to 1510.		

Secondary School Leaving Examination		S585414.E33
MEQ, June 1998		
<b>Time:</b> 2 hours	<b>Number of items:</b> 29 22 multiple-choice items 5 short-answer items 1 extended-answer item 1 association item	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1511 to 1539.		

Secondary School Leaving Examination		S585414.E34
MEQ, January 1999		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1540 to 1569.		

Secondary School Leaving Examination		S585414.E35
MEQ, June 1999		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1570 to 1599.		

Secondary School Leaving Examination		S585414.E36
MEQ, June 2000		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1600 to 1629.		

Secondary School Leaving Examination		S585414.E37
MEQ, June 2001		
<b>Time:</b> 2 hours	<b>Number of items:</b> 29 22 multiple-choice items 3 short-answer items 4 association items	
The items in this exam can be found in the History of Quebec and Canada 585-414 item bank bearing the numbers 1630 to 1658.		

Summative Exam Module 1		S585414.E38
Riverside School Board, in collaboration with BIM		
<b>Time:</b> 1 hour	<b>Number of items:</b> 12 7 multiple-choice items 5 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada item bank: 2, 22, 84, 92, 107, 170, 176, 182, 185, 216, 594, 682.		

Summative Exam Module 2		S585414.E39
Riverside School Board, in collaboration with BIM		
<b>Time:</b> 1 hour	<b>Number of items:</b> 18 12 multiple-choice items 6 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada item bank: 25, 78, 88, 136, 247, 535, 537, 595, 776, 804, 893, 896, 953, 982, 1189, 1233, 1406, 1455.		

<b>Summative Exam</b>		<b>S585414.E40</b>
Module 3		
Riverside School Board, in collaboration with BIM		
<b>Time:</b> 1 hour	<b>Number of items:</b> 17 multiple-choice items	
The items in this exam come from The BIM History of Quebec and Canada item bank: 20, 276, 297, 301, 307, 540, 0628, 629, 720, 807, 868, 869, 898, 1188, 1371, 1399, 1458.		

<b>Summative Exam</b>		<b>S585414.E41</b>
Module 4		
Riverside School Board, in collaboration with BIM		
<b>Time:</b> 1 hour	<b>Number of items:</b> 16 13 multiple-choice items 3 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada item bank: 12, 15, 32, 322, 331, 542, 602, 631, 872, 900, 901, 1201, 1260, 1273, 1392, 1462.		

<b>Summative Exam</b>		<b>S585414.E42</b>
Module 5		
Riverside School Board, in collaboration with BIM		
<b>Time:</b> 1 hour 30 minutes	<b>Number of items:</b> 25 21 multiple-choice items 4 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada item bank: 544, 1163, 1167, 1168, 1169, 1172, 1177, 1178, 1180, 1182, 1204, 1205, 1224, 1240, 1245, 1254, 1276, 1277, 1279, 1288, 1289, 1314, 1317, 1366, 1404.		

<b>Summative Exam</b>		<b>S585414.E43</b>
Module 6		
Riverside School Board, in collaboration with BIM		
<b>Time:</b> 1 hour 30 minutes	<b>Number of items:</b> 25 16 multiple-choice items 9 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada item bank: 35, 38, 41, 51, 55, 115, 119, 122, 390, 394, 396, 398, 401, 403, 726, 798, 818, 997, 1185, 1248, 1259, 1262, 1323, 1324, 1468.		

<b>Summative Exam</b> Module 7		<b>S585414.E44</b>
Riverside School Board, in collaboration with BIM		
<b>Time:</b> 1 hour 30 minutes	<b>Number of items:</b> 25 15 multiple-choice items 10 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada item bank: 443, 444, 445, 468, 474, 560, 611, 619, 701, 710, 821, 827, 979, 1261, 1269, 1272, 1278, 1280, 1295, 1318, 1337, 1355, 1357, 1471, 1510.		

<b>Summative Exam</b> Modules 1, 2 and 3		<b>S585414.E45</b>
Sir Wilfrid Laurier School Board, in collaboration with BIM		
<b>Time:</b> 2 hours	<b>Number of items:</b> 45 33 multiple-choice items 12 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada 585-414 item bank: 306, 597, 685, 704, 954, 1005, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1199, 1210, 1213, 1215, 1216, 1218, 1220, 1221, 1222, 1223, 1226, 1229, 1230, 1236, 1242, 1249, 1256, 1263, 1264, 1265, 1282, 1307, 1311, 1319, 1325, 1342, 1343, 1356, 1382, 1428, 1515, 1631.		

<b>Summative Exam</b> Module 1		<b>S585414.E46</b>
Sir Wilfrid Laurier School Board, in collaboration with BIM		
<b>Time:</b> 45 minutes	<b>Number of items:</b> 20 14 multiple-choice items 6 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada 585-414 item bank: 91, 111, 173, 187, 192, 209, 215, 217, 531, 591, 593, 913, 1093, 1235, 1257, 1284, 1376, 1421, 1513, 1603.		

<b>Summative Exam</b> Module 2		<b>S585414.E47</b>
Sir Wilfrid Laurier School Board, in collaboration with BIM		
<b>Time:</b> 45 minutes	<b>Number of items:</b> 20 14 multiple-choice items 6 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada 585-414 item bank: 73, 181, 229, 251, 252, 267, 274, 533, 774, 951, 1003, 1045, 1174, 1243, 1407, 1485, 1514, 1623, 1632, 1635.		

<b>Summative Exam</b>		<b>S585414.E48</b>
Module 3		
Sir Wilfrid Laurier School Board, in collaboration with BIM		
<b>Time:</b> 45 minutes	<b>Number of items:</b> 20 14 multiple-choice items 6 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada 585-414 item bank: 5, 280, 294, 299, 300, 304, 309, 539, 719, 779, 805, 826, 866, 975, 987, 1048, 1219, 1396, 1456, 1475.		

<b>Summative Exam</b>		<b>S585414.E49</b>
Module 4		
Sir Wilfrid Laurier School Board, in collaboration with BIM		
<b>Time:</b> 45 minutes	<b>Number of items:</b> 20 14 multiple-choice items 6 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada 585-414 item bank: 16, 18, 282, 318, 330, 614, 630, 734, 915, 986, 1006, 1051, 1175, 1208, 1300, 1394, 1411, 1431, 1493, 1582.		

<b>Summative Exam</b>		<b>S585414.E50</b>
Module 5		
Sir Wilfrid Laurier School Board, in collaboration with BIM		
<b>Time:</b> 45 minutes	<b>Number of items:</b> 20 14 multiple-choice items 6 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada 585-414 item bank: 58, 62, 68, 364, 543, 555, 617, 690, 783, 784, 812, 958, 1082, 1313, 1410, 1549, 1583, 1612, 1641, 1655.		

<b>Summative Exam</b>		<b>S585414.E51</b>
Module 6		
Sir Wilfrid Laurier School Board, in collaboration with BIM		
<b>Time:</b> 45 minutes	<b>Number of items:</b> 20 14 multiple-choice items 6 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada 585-414 item bank: 384, 405, 408, 697, 706, 736, 886, 965, 998, 1181, 1187, 1316, 1333, 1434, 1465, 1521, 1555, 1595, 1613, 1648.		

<b>Summative Exam</b>		<b>S585414.E52</b>
Module 7		
Sir Wilfrid Laurier School Board, in collaboration with BIM		
<b>Time:</b> 45 minutes	<b>Number of items:</b> 20 14 multiple-choice items 6 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada 585-414 item bank: 395, 423, 648, 907, 972, 1060, 1237, 1241, 1244, 1268, 1291, 1305, 1438, 1478, 1499, 1500, 1532, 1538, 1590, 1598.		

<b>Summative Exam</b>		<b>S585414.E53</b>
Modules 1, 2, 3, 4 and 5		
Sir Wilfrid Laurier School Board, in collaboration with BIM		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 50 40 multiple-choice items 10 short-answer items	
The items in this exam come from The BIM History of Quebec and Canada 585-414 item bank: 246, 303, 326, 599, 623, 717, 772, 796, 803, 811, 902, 903, 955, 961, 1095, 1183, 1200, 1227, 1246, 1250, 1266, 1267, 1271, 1275, 1293, 1298, 1301, 1339, 1347, 1378, 1386, 1393, 1426, 1459, 1460, 1463, 1473, 1483, 1486, 1533, 1540, 1545, 1547, 1550, 1551, 1565, 1594, 1626, 1669, 1683.		

<b>Exam Template</b>	<b>S585414.E54</b> (VERS54)
MEQ, June 2002	
The items in this exam template come from the BIM History of Quebec and Canada 585-414 item bank: 1659 to 1688.	

<b>Exam Template</b>	<b>S585414.E55</b> (VERS55)
MEQ, June 2003	
The items in this exam template come from the BIM History of Quebec and Canada 585-414 item bank: 1689 to 1718.	

<b>Exam Template</b>	<b>S585414.E56</b> (MEQ 2004)
MEQ, June 2004	
The items in this exam template come from the BIM History of Quebec and Canada 585-414 item bank: 1719 to 1746.	

Exam Template	MELS 2005
MELS, June 2005	
The items in this exam template come from the BIM History of Quebec and Canada 585-414 item bank: 1747 to 1773.	

Exam Template	MELS 2006
MELS, June 2006	
The items in this exam template come from the BIM History of Quebec and Canada 585-414 item bank: 1774 to 1802).	

Exam Template	MELS 2007
MELS, June 2007	
The items in this exam template come from the BIM History of Quebec and Canada 585-414 item bank: 1803 to 1831.	

Exam Template	MELS 2008
MELS, June 2008	<b><i>New</i></b>
The items in this exam template come from the BIM History of Quebec and Canada 585-414 item bank: 1832 to 1860.	

# ECONOMICS

## Secondary 5 (602-514)

The Economics course offers a broad synthesis of current economic knowledge. It focuses on an understanding of the socio-economic reality and its interdependent economic facts and phenomena. The learning objectives have been divided among seven modules.

Québec and Canadian society experience the same economic reality. The items in this bank comprise concrete case studies presented by means of text, tables or diagrams.

### Items

The items are classified by module, by terminal objective and by type under the following headings:

Number and Name of Module	Type of Items	Skills
<b>Module 1:</b> Economic Organization of Society <b>Module 2:</b> Organization of Production <b>Module 3:</b> Human Resources <b>Module 4:</b> Consumption <b>Module 5:</b> Financial Institutions and Money <b>Module 6:</b> Government and Public Finances <b>Module 7:</b> The International Economy	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer <b>A:</b> Association	<b>A:</b> Analyse <b>D:</b> Describe <b>S:</b> Problem solving

### Exams

The comprehensive exams cover one or several modules.

**Number of exams:** 14

### Number of Items by Module, by Type and by Skill

Modules	Types of Items				Skills			Total
	M	C	E	A	A	D	S	
<b>M01</b>	41	54	1	-	50	32	14	<b>96</b>
<b>M02</b>	86	80	-	-	71	52	43	<b>166</b>
<b>M03</b>	92	72	-	-	64	86	14	<b>164</b>
<b>M04</b>	127	100	-	-	97	57	73	<b>227</b>
<b>M05</b>	90	45	-	-	65	54	16	<b>135</b>
<b>M06</b>	107	52	-	1	98	38	24	<b>160</b>
<b>M07</b>	100	27	-	-	69	49	9	<b>127</b>
<b>Total</b>	<b>643</b>	<b>430</b>	<b>1</b>	<b>-</b>	<b>514</b>	<b>368</b>	<b>193</b>	<b>1075</b>

## Types of Exams

Comprehensive Exam		S602514.E03
MEQ, 1996 – Revised (Outaouais)		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1361 to 1390.		

Secondary School Leaving Exam		S602514.E20
MEQ, January 1992		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1001 to 1030.		

Secondary School Leaving Exam		S602514.E21
MEQ, June 1992		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1031 to 1060.		

Secondary School Leaving Exam		S602514.E22
MEQ, August 1992		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1061 to 1090.		

Secondary School Leaving Exam		S602514.E23
MEQ, January 1993		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1091 to 1120.		

Secondary School Leaving Exam		S602514.E24
MEQ, June 1993		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1121 to 1150.		

Secondary School Leaving Exam		S602514.E25
MEQ, August 1993		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1019, 1024, 1030, 1151 to 1167, 1169 to 1171, 1173 to 1175, 1177, 1179, 1180, 1262.		

Secondary School Leaving Exam		S602514.E26
MEQ, January 1994		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1181 to 1210.		

Secondary School Leaving Exam		S602514.E27
MEQ, June 1994		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1211 to 1240.		

Secondary School Leaving Exam		S602514.E28
MEQ, August 1994		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1017, 1029, 1100, 1101, 1106, 1115, 1118, 1241 to 1248, 1250, 1252 to 1255, 1258 to 1264, 1266, 1268, 1269.		

Secondary School Leaving Exam		S602514.E29
MEQ, January 1995		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found the Economics 602-514 item bank bearing the numbers 1271 to 1300.		

Secondary School Leaving Exam		S602514.E30
MEQ, June 1995		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1301 to 1330.		

Complementary Exam		S602514.E32
MEQ, June 1998		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 8 short-answer items	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1441 to 1470.		

Complementary Exam		S602514.E33
MEQ, June 1999		
<b>Time:</b> 2 hours	<b>Number of items:</b> 30 22 multiple-choice items 6 short-answer items 1 extended answer item 1 association item	
The items in this exam can be found in the Economics 602-514 item bank bearing the numbers 1471 to 1500.		

# PHYSICAL SCIENCE

## Secondary 4 (556-416 and 556-430)

The Physical Science course advocates an interactive approach in which students use the scientific method to solve problems. The course is compulsory for all secondary 4 students and comprises two paths.

- ▶ Physical Science 416 is the regular path for students not opting for the college-level Natural Sciences concentration or for a vocational program with physics and chemistry.
- ▶ Physical Science 430 is the enriched path for students who intend to take the Secondary 5 physics and/or chemistry courses.

The Physical Science course comprises three modules and focuses on the interaction of science, technology and society.

- ▶ **Module 1: Structure and Matter**  
Students explore the properties of matter and a method of representing and classifying matter.
- ▶ **Module 2: Electronic Phenomena**  
Students explore the electrical properties of matter as well as the ways in which the production, transformation, and use of electrical energy affect the environment.
- ▶ **Module 3: Ionic Phenomena**  
Students explore the properties of chemical substances, transformations involving these substances, and the way in which their use affects the environment.

### Items

The items are related to the terminal or the intermediate objectives of each general objective. They are classified as follows:

General Objectives	Types of Items	Skills
<b>MAT Module 1:</b> Structure and Matter <b>ELE Module 2:</b> Electronic Phenomena <b>ION Module 3:</b> Ionic Phenomena	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer	<b>A:</b> Mastery of applications <b>C:</b> Mastery of concepts <b>P:</b> Mastery of problem solving

### Exams

Number of 556-416 exams: 31

Number of 556-430 exams: 35

Other instruments: 1 (Vade-mecum)

## Changes Made Since September 2007

<b>Additions: Exams</b>	<b>Items</b>
S556430.E60	Nos. 1418 to 1432
S556430.E83*	Nos. 2136 to 2150
	Nos. 3050 to 3074 (items MELS 2008)**

\*This exam was initially distributed in June 2008 under the aegis of the Mathematics and Science & Technology Committee (MaST).

\*\*The exam template for these items can be found in the Physical Science 416-430 bank under the name MELS 2008.

*Note: All the items have been regrouped into one item bank (416-430). Only those items bearing the numbers **1000 and greater** are related solely to the objectives of the **Physical Science 430 course**.*

*Items bearing numbers **greater than 2000** are MaST items.*

### Number of Items by Module and by Skill

Modules	Skills			Total
	C	A	P	
<b>MAT</b>	247	188	56	<b>491</b>
<b>ELE</b>	189	303	114	<b>606</b>
<b>ION</b>	218	227	92	<b>537</b>
<b>Total</b>	<b>654</b>	<b>718</b>	<b>262</b>	<b>1634</b>

### Number of Items by Module and by Type

Modules	Types of Items			Total
	M	C	E	
<b>MAT</b>	318	79	94	<b>491</b>
<b>ELE</b>	413	40	153	<b>606</b>
<b>ION</b>	325	68	144	<b>537</b>
<b>Total</b>	<b>1056</b>	<b>187</b>	<b>391</b>	<b>1634</b>

### Types of Exams

<b>Optional Exam</b>	S556416.E07
Laboratory	
MEQ, June 1992	
<b>Time:</b> 1 hour	<b>Number of items:</b> 5 activities
Only one activity must be completed.	

<b>Complementary Exam</b>		<b>S556416.E08</b>
Laboratory		
MEQ, June 1993		
<b>Time:</b> 1 hour	<b>Number of items:</b> 3 activities	
Only one activity must be completed.		

<b>Secondary School Leaving Exam</b>		<b>S556416.E10</b>
MEQ, June 1994		
<b>Time:</b> 2 hours	<b>Number of items:</b> 25 15 multiple-choice items 4 short-answer items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 378 to 402.		

<b>Secondary School Leaving Exam</b>		<b>S556416.E11</b>
Laboratory		
MEQ, June 1994		
<b>Time:</b> 1 hour	<b>Number of items:</b> 3 activities	
Only one activity must be completed.		

<b>Optional Exam</b>		<b>S556416.E12</b>
MEQ, June 1992		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 15 multiple-choice items 4 short-answer items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 35 to 59.		

<b>Secondary School Leaving Exam</b>		<b>S556416.E13</b>
MEQ, August 1994		
<b>Time:</b> 2 hours	<b>Number of items:</b> 25 16 multiple-choice items 3 short-answer items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 403 to 427.		

Secondary School Leaving Exam		S556416.E14
MEQ, January 1995		
<b>Time:</b> 2 hours	<b>Number of items:</b> 25 15 multiple-choice items 4 short-answer items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 428 to 452.		

Comprehensive Exam		S556416.E15
Mille-Îles School Board, 1994		
<b>Time:</b> 75 minutes	<b>Number of items:</b> 25 3 multiple-choice items 16 short-answer items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 453 to 477.		

Laboratory Exam		S556416.E16
BIM National Committee, 1996-1998		
<b>Time:</b> 75 minutes Part 1: 30 minutes Part 2: 45 minutes	<b>Number of items:</b> 4 activities Part 1: 1 of 3 proposed activities Part 2: 1 obligatory activity	

Secondary School Leaving Exam		S556416.E18
MEQ, June 1995		
<b>Time:</b> 2 hours	<b>Number of items:</b> 28 19 multiple-choice items 2 short-answer items 7 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 478 to 505.		

Secondary School Leaving Exam		S556416.E20
MEQ, August 1995		
<b>Time:</b> 2 hours	<b>Number of items:</b> 28 19 multiple-choice items 1 short-answer item 8 extended-answer items	
Students must answer 25 of the 28 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 506 to 533.		

<b>Secondary School Leaving Exam</b>		<b>S556416.E22</b>
MEQ, January 1996		
<b>Time:</b> 2 hours	<b>Number of items:</b> 28 19 multiple-choice items 2 short-answer items 7 extended-answer items	
Students must answer 25 of the 28 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 534 to 561.		

<b>Comprehensive Exam</b>		<b>S556416.E24</b>
Laboratory		
Gaspésie – Îles-de-la-Madeleine Region, 1996 BIM National Committee, 1997-1999		
<b>Time:</b> 50 minutes	<b>Number of items:</b> 3 activities	
Only one activity must be completed. The exam covers the module: Structure and Matter.		

<b>Comprehensive Exam</b>		<b>S556416.E25</b>
Laboratory		
Gaspésie – Îles-de-la-Madeleine Region, 1996 BIM National Committee, 1997-1999		
<b>Time:</b> 50 minutes	<b>Number of items:</b> 3 activities	
Only one activity must be completed. The exam covers the module: Electrical Phenomena.		

<b>Comprehensive Exam</b>		<b>S556416.E26</b>
Laboratory		
Gaspésie – Îles-de-la-Madeleine Region, 1996 BIM National Committee, 1997-1999		
<b>Time:</b> 50 minutes	<b>Number of items:</b> 4 activities	
Only one activity must be completed. The exam covers the module: Ionic Phenomena.		

<b>Comprehensive Exam</b>		<b>S556416.E27</b>
Laboratory		
Montreal Region, 1998 BIM National Committee, 1998-2000		
<b>Time:</b> 2 hours	<b>Number of items:</b> 6 activities	
Only one activity must be completed.		

Secondary School Leaving Exam		S556416.E30
MEQ, June 1996		
<b>Time:</b> 2 hours	<b>Number of items:</b> 28 19 multiple-choice items 9 extended-answer items	
Students must answer 25 of the 28 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 562 to 589.		

Secondary School Leaving Exam		S556416.E32
MEQ, August 1996		
<b>Time:</b> 2 hours	<b>Number of items:</b> 28 19 multiple-choice items 9 extended-answer items	
Students must answer 25 of the 28 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 590 to 617.		

Comprehensive Exam		S556416.E34
Montérégie Region, 2003 BIM National Committee, 2003-2005		
<b>Time:</b> 50 minutes	<b>Number of items:</b> 6 activities	
Only one activity must be completed.		

Secondary School Leaving Exam		S556416.E35
MEQ, January 1997		
<b>Time:</b> 2 hours	<b>Number of items:</b> 28 19 multiple-choice items 9 extended-answer items	
Students must answer 25 of the 28 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 618 to 645.		

Secondary School Leaving Exam		S556416.E37
MEQ, June 1997		
<b>Time:</b> 2 hours	<b>Number of items:</b> 28 19 multiple-choice items 9 extended-answer items	
Students must answer 25 of the 28 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 646 to 673.		

Secondary School Leaving Exam		S556416.E39
MEQ, August 1997		
<b>Time:</b> 2 hours	<b>Number of items:</b> 28 19 multiple-choice items 9 extended-answer items	
Students must answer 25 of the 28 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 674 to 701.		

Comprehensive Exam		S556416.E42
Laboratory		
Saguenay – Lac-Saint-Jean – Chapais – Chibougamau Region, 1999 BIM National Committee, 1999-2001		
<b>Time:</b> 1 hour	<b>Number of items:</b> 6 activities	
Only one activity must be completed.		

Laboratory Exam		S556416.E44
Outaouais Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 75 minutes	<b>Number of items:</b> 3	
There are two different versions of activities 1 and 3.		

Secondary School Leaving Exam		S556416.E46
MEQ, January 1998		
<b>Time:</b> 2 hours	<b>Number of items:</b> 28 19 multiple-choice items 9 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 703 to 730.		

Secondary School Leaving Exam		S556416.E48
MEQ, June 1998		
<b>Time:</b> 2 hours	<b>Number of items:</b> 25 19 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 731 to 755.		

Secondary School Leaving Exam		S556416.E49
MEQ, August 1998		
<b>Time:</b> 2 hours	<b>Number of items:</b> 25 19 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 756 to 780.		

Secondary School Leaving Exam		S556416.E50
MEQ, January 1999		
<b>Time:</b> 2 hours	<b>Number of items:</b> 25 19 multiple-choice items 2 short-answer items 4 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 781 to 805.		

Secondary School Leaving Exam		S556416.E54
MEQ, June 1999		
<b>Time:</b> 2 hours	<b>Number of items:</b> 25 19 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 806 to 830.		

Secondary School Leaving Exam		S556416.E57
MEQ, June 2000		
<b>Time:</b> 2 hours	<b>Number of items:</b> 25 19 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 831 to 855.		

Secondary School Leaving Exam		S556416.E58
MEQ, June 2001		
<b>Time:</b> 2 hours	<b>Number of items:</b> 25 19 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 856 to 880.		

**Vade-Mecum**  
Reference Material

S556416.A01

Mauricie – Bois-Francs Region  
BIM National Committee

Reference chart of the characteristic properties of common solids, liquids and gases.

**Comprehensive Exam**

S556430.E01

Outaouais Region, 1993  
BIM National Committee, 1994-1995

**Time:** 2 hours 30 minutes

**Number of items:** 25  
11 multiple-choice items  
9 short-answer items  
5 extended-answer items

The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 61 to 75 and 1001 to 1010.

**Comprehensive Exam**

S556430.E02

Bas-Saint-Laurent – Gaspésie – Îles-de-la-Madeleine Region, 1995  
BIM National Committee, 1995

**Time:** 2 hours 30 minutes

**Number of items:** 25  
5 multiple-choice items  
12 short-answer items  
8 extended-answer items

The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 76 to 85 and 1011 to 1025.

**Comprehensive Exam**

S556430.E03

Regions 5, 6 and 7, 1993  
BIM National Committee, 1993-1994

**Time:** 2 hours 30 minutes

**Number of items:** 25  
13 multiple-choice items  
7 short-answer items  
5 extended-answer items

The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 86 to 101 and 1026 to 1034.

Comprehensive Exam		S556430.E04
MEQ and AIES, 1994 BIM National Committee, 1994-1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 33 20 multiple-choice items 4 short-answer items 9 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 102 to 125 and 1035 to 1042.		

Comprehensive Exam		S556430.E05
Mauricie – Bois-Francis Region, 1994 BIM National Committee, 1994-1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 29 7 multiple-choice items 13 short-answer items 9 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 127 to 146 and 1043 to 1051.		

Comprehensive Exam		S556430.E09
Littoral School Board, 1994		
<b>Time:</b> 1 hour 45 minutes	<b>Number of items:</b> 15 8 multiple-choice items 3 short-answer items 4 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1126 to 1140. This exam is meant to be used with S556430.E10.		

Secondary School Leaving Exam		S556430.E19
MEQ, June 1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 43 30 multiple-choice items 2 short-answer items 11 extended-answer items	
Students must answer 40 of the 43 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 478 to 505 and 1161 to 1175.		

Secondary School Leaving Exam		S556430.E21
MEQ, August 1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 43 30 multiple-choice items 1 short-answer items 12 extended-answer items	
Students must answer 40 of the 43 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 506 to 533 and 1176 to 1190.		

Secondary School Leaving Exam		S556430.E23
MEQ, January 1996		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 43 30 multiple-choice items 2 short-answer items 11 extended-answer items	
Students must answer 40 of the 43 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 534 to 561 and 1191 to 1205.		

Comprehensive Exam		S556430.E28
Science Coordinating Committee, June 1999 Summative Exam		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 10 multiple-choice items 5 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 2001 to 2015.		

Secondary School Leaving Exam		S556430.E31
MEQ, June 1996		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 43 30 multiple-choice items 13 extended-answer items	
Students must answer 40 of the 43 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 526 to 589, 702 and 1206 to 1220.		

Secondary School Leaving Exam		S556430.E33
MEQ, August 1996		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 43 30 multiple-choice items 13 extended-answer items	
Students must answer 40 of the 43 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 590 to 617 and 1221 to 1235.		

Secondary School Leaving Exam		S556430.E36
MEQ, January 1997		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 43 30 multiple-choice items 13 extended-answer items	
Students must answer 40 of the 43 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 618 to 645 and 1236 to 1250.		

Secondary School Leaving Exam		S556430.E38
MEQ, June 1997		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 43 30 multiple-choice items 13 extended-answer items	
Students must answer 40 of the 43 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 646 to 673 and 1251 to 1265.		

Secondary School Leaving Exam		S556430.E40
MEQ, August 1997		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 43 30 multiple-choice items 13 extended-answer items	
Students must answer 40 of the 43 questions. The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 674 to 701 and 1266 to 1280.		

Comprehensive Exam		S556430.E41
Québec – Chaudière – Appalaches Region, 1999 BIM National Committee, 1999-2000		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 11 multiple-choice items 4 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1281 to 1295.		

Comprehensive Exam		S556430.E43
Québec – Chaudière – Appalaches Region, 1999 BIM National Committee, 1999-2001		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 11 multiple-choice items 4 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1296 to 1310.		

Comprehensive Exam		S556430.E45
Laval – Laurentides – Lanaudière Region, 2003 BIM National Committee, 2003-2005		
<b>Time:</b> 1 hour	<b>Number of items:</b> 16 11 multiple-choice items 5 extended-answer items	
The items in this exam can be found in the Physical Science 556-430 item bank bearing the numbers 1341 to 1356.		

Secondary School Leaving Exam		S556430.E47
MEQ, January 1998		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 43 30 multiple-choice items 13 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 703 to 730, 1311 to 1325.		

Comprehensive Exam		S556430.E51
Québec – Chaudière – Appalaches Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 11 multiple-choice items 4 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1326 to 1340.		

Comprehensive Exam		S556430.E52
Montréal Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 11 multiple-choice items 4 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1357 to 1371.		

Comprehensive Exam		S556430.E55
Mauricie – Centre-du-Québec Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 9 multiple-choice items 4 short-answers items 2 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1372 to 1386.		

Comprehensive Exam		S556430.E56
Montreal Region, 2002 BIM National Committee, 2002-2004		
<b>Time:</b> 1 hour 30 minutes	<b>Number of items:</b> 16 11 multiple-choice items 5 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1387 to 1402.		

Comprehensive Exam		S556430.E59
Abitibi-Témiscamingue Region, 2003 BIM National Committee, 2005-2007		
<b>Time:</b> 1 hour 30 minutes	<b>Number of items:</b> 15 9 multiple-choice items 1 short-answer item 5 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1418 to 1432.		

Comprehensive Exam		S556430.E60
Saguenay – Lac-Saint-Jean Region, 2007 BIM National Committee, 2007-2008		<b>New</b>
<b>Time:</b> 75 minutes	<b>Number of items:</b> 15 6 multiple-choice items 5 short-answer item 4 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1403 to 1417.		

Comprehensive Exam		S556430.E62
Montreal Region BIM National Committee, 2004-2006		
<b>Time:</b> 1 hour 30 minutes	<b>Number of items:</b> 16 11 multiple-choice items 5 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 1448 to 1463.		

Comprehensive Exam		S556430.E75
Science Coordinating Committee, June 2000 Summative Exam		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 9 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 2016 to 2030.		

Comprehensive Exam		S556430.E76
Science Coordinating Committee, June 2001 Summative Exam		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 9 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 2031 to 2045.		

Comprehensive Exam		S556430.E77
Science Coordinating Committee, June 2002 Summative Exam		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 9 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Science 416-430 item bank bearing the numbers 2046 to 2060.		

Comprehensive Exam		S556430.E78
Science Coordinating Committee Summative Exam, 2003		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 9 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Sciences 416-430 item bank bearing the numbers 2088 to 2114.		

Comprehensive Exam		S556430.E79
Science Coordinating Committee Summative Exam, 2004		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 8 multiple-choice items 1 short-answer item 6 extended-answer items	
The items in this exam can be found in the Physical Sciences 416-430 item bank bearing the numbers 2076 to 2090.		

Comprehensive Exam		S556430.E80
Mathematics and Science & Technology Committee Summative Exam, 2005		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 7 multiple-choice items 1 short-answer item 7 extended-answer items	
The items in this exam can be found in the Physical Sciences 416-430 item bank bearing the numbers 2091 to 2105.		

Comprehensive Exam		S556430.E81
Mathematics and Science & Technology Committee, 2006		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 9 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Sciences 416-430 item bank bearing the numbers 2106 to 2120.		

Comprehensive Exam		S556430.E82
Mathematics and Science & Technology Committee, 2007		
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 9 multiple-choice items 6 extended-answer items	
The items in this exam can be found in the Physical Sciences 416-430 item bank bearing the numbers 2121 to 2135.		

Comprehensive Exam		S556430.E83
Mathematics and Science & Technology Committee, 2008		<b>New</b>
<b>Time:</b> 1 hour	<b>Number of items:</b> 15 7 multiple-choice items 8 extended-answer items	
The items in this exam can be found in the Physical Sciences 416-430 item bank bearing the numbers 2136 to 2150.		

Exam Template	MEQ 2002
MEQ, June 2002	
The items in this exam template can be found in the Physical Science 416-430 item bank bearing the numbers 881 to 905.	

Exam Template	MEQ 2003
MEQ, June 2003	
The items in this exam template can be found in Physical Science 416-430 item bank bearing the numbers 907 to 931.	

Exam Template	MEQ 2004
MEQ, June 2004	
The items in this exam template can be found in Physical Science 416-430 item bank bearing the numbers 932 to 956.	

Exam Template	MELS 2005
MELS, June 2005	
The items in this exam template can be found in the Physical Science 416-430 item bank bearing the numbers 957 to 981.	

Exam Template	MELS 2006
MELS, June 2006	
The items in this exam template can be found in the Physical Science 416-430 item bank bearing the numbers 3000 to 3024.	

Exam Template	MELS 2007
MELS, June 2007	
The items in this exam template can be found in the Physical Science 416-430 item bank bearing the numbers 3025 to 3049.	

Exam Template	MELS 2008
MELS, June 2008	<b><i>New</i></b>
The items in this exam template can be found in the Physical Science 416-430 item bank bearing the numbers 3050 to 3074.	

# PHYSICS

## Secondary 5 (554-534)

The Physics course emphasizes the scientific method, laboratory experimentation, and cooperative learning. The basic philosophy promoted in this program is the "constructivist" view of the acquisition of knowledge. Students who have successfully completed the Physical Science (436) course are candidates for Physics 534.

### Objectives

The terminal objectives of the Physics 534 course are grouped into three modules. Only the skills and themes pertinent to modules one and three are subject to summative evaluation.

**Module 1:** Nature of Light

**Module 2:** Optics

**Module 3:** Mechanics

### Items

The items are classified by module, by terminal objectives and by item type according to the following headings:

General Objectives	Types of Items	Skills
<b>Module 1:</b> Nature of Light <b>Module 3:</b> Mechanics	M: Multiple choice C: Short answer E: Extended answer	A: Mastery of applications C: Mastery of concepts P: Mastery of problem solving

### Exams

**Number of exams:** 29

### Changes Made Since September 2007

**Additions: Exams**

S554534.E58\*

**Items**

Nos. 2221 to 2245

\*This exam was initially distributed in June 2008 under the aegis of the Mathematics and Science & Technology Committee (MaST).

### Number of Items by Module and by Skill

Modules	Skills			Total
	C	A	P	
<b>MOD1</b>	110	114	70	<b>294</b>
<b>MOD3</b>	147	188	135	<b>470</b>
<b>Total</b>	<b>257</b>	<b>302</b>	<b>205</b>	<b>764</b>

### Number of Items by Module and by Type

Modules	Types of Items			Total
	M	C	E	
<b>MOD1</b>	175	29	90	<b>294</b>
<b>MOD3</b>	320	22	128	<b>470</b>
<b>Total</b>	<b>495</b>	<b>51</b>	<b>218</b>	<b>764</b>

Note: Items bearing numbers **greater than 2000** are Science Coordinating Committee items.

### Types of Exams

Comprehensive Exam		S554534.E01
Laval – Laurentides – Lanaudière Region, 1993		
<b>Time:</b> 3 hours	<b>Number of items:</b> 30 10 multiple-choice items 9 short-answer items 11 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 1 to 30.		

Comprehensive Exam		S554534.E02
Estrie Region, 1995 BIM National Committee, 1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 8 multiple-choice items 8 short-answer items 9 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 31 to 55.		

Comprehensive Exam		S554534.E03
Bas-Saint-Laurent Region, 1994 BIM National Committee, 1994-1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 5 multiple-choice items 13 short-answer items 7 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 56 to 80.		

Comprehensive Exam		S554534.E04
Québec – Chaudière – Appalaches Region, 1994 BIM National Committee, 1994-1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 8 multiple-choice items 11 short-answer items 6 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 67, 79, 80 and 84 to 105.		

Laboratory Exam		S554534.E05
Québec – Chaudière – Appalaches Region, 1994 BIM National Committee, 1994-1995		
<b>Time:</b> 1 hour	<b>Number of items:</b> 5 activities	
Only one activity must be completed.		

Complementary Exam		S554534.E06
MEQ, 1994		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 10 multiple-choice items 4 short-answer items 6 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 225 to 249.		

<b>Complementary Exam</b>		<b>S554534.E07</b>
Laboratory		
MEQ, 1994		
<b>Time:</b> 2 hours Part 1: 75 minutes Part 2: 45 minutes	<b>Number of items:</b> 10 activities	
Only one activity must be completed. This exam covers modules 1 and 3.		

<b>Comprehensive Exam</b>		<b>S554534.E08</b>
Laboratory		
Laval – Laurentides – Lanaudière Region, 1999 BIM National Committee, 1999-2001		
<b>Time:</b> 2 hours First part: 75 minutes Second part: 45 minutes	<b>Number of items:</b> 20 experimental tasks 13 experimental tasks in mechanics 7 experimental tasks in optics	
Only one activity must be completed.		

<b>Comprehensive Exam</b>		<b>S554534.E09</b>
Saguenay – Lac-Saint-Jean Region, 1996 BIM National Committee, 1997-1998		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 26 18 multiple-choice items 8 extended-answer items	
Students must answer 25 of the 26 questions. The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 250 to 275.		

<b>Comprehensive Exam</b>		<b>S554534.E10</b>
Montreal Region, 1998 BIM National Committee, 1998-2000		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 27 18 multiple-choice items 9 extended-answer items	
This exam covers modules 1 and 3. The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 357 to 383.		

Comprehensive Exam Laboratory		S554534.E11
Montérégie Region, 1996 BIM National Committee, 1997-1999		
<b>Time:</b> 1 hour 30 minutes	<b>Number of items:</b> 6 activities	
Only one activity must be completed.		

Comprehensive Exam		S554534.E12
Québec – Chaudière – Appalaches Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 27 18 multiple-choice items 9 extended-answer items	
This exam covers modules 1 and 3. The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 276 to 302.		

Secondary School Leaving Exam		S554534.E13
MEQ, June 1996		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 27 18 multiple-choice items 9 extended-answer items	
Students must answer 25 of 27 questions. The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 303 to 329.		

Secondary School Leaving Exam		S554534.E14
MEQ, August 1996		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 27 18 multiple-choice items 9 extended-answer items	
Students must answer 25 of the 27 questions. The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 330 to 356.		

Secondary School Leaving Exam		S554534.E15
MEQ, January 1997		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 27 18 multiple-choice items 9 extended-answer items	
Students must answer 25 of the 27 questions. The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 384 to 410.		

Comprehensive Exam		S554534.E17
Montreal Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 17 multiple-choice items 8 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 412 to 438.		

Comprehensive Exam		S554534.E18
Montreal Region, 2003 BIM National Committee, 2003-2005		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 28 20 multiple-choice items 8 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 439 to 466.		

Comprehensive Exam		S554534.E19
Montréal Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 18 multiple-choice items 7 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 492 to 521.		

Comprehensive Exam		S554534.E21
Mauricie – Centre-du-Québec Region, 2002 BIM National Committee, 2002-2004		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 26 12 multiple-choice items 6 short-answer items 8 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 522 to 547.		

Multi-Task Activity Laboratory		S554534.E22
Monteregie Region, 2003 BIM National Committee, 2004-2007		
<b>Time:</b> 4 periods of 60 minutes each	<b>Number of items:</b> Multi-task activity	

Comprehensive Exam		S554534.E50
Science Coordinating Committee Summative Exam, June 2000		
<b>Time:</b> 3 hours	<b>Number of items:</b> 30 20 multiple-choice items 10 extended-answer items	
This exam covers modules 1 and 3. The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 2001 to 2030.		

Comprehensive Exam		S554534.E51
Science Coordinating Committee Summative Exam, June 2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 30 20 multiple-choice items 10 extended-answer items	
This exam covers modules 1 and 3. The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 2031 to 2060.		

Comprehensive Exam		S554534.E52
Science Coordinating Committee Summative Exam, June 2002		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 27 18 multiple-choice items 9 extended-answer items	
This exam covers modules 1 and 3. The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 2061 to 2087.		

Comprehensive Exam		S554534.E53
Science Coordinating Committee Summative Exam, 2003		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 27 18 multiple-choice items 9 extended-answer items (students select 7)	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 2088 to 2114.		

Comprehensive Exam		S554534.E54
Science Coordinating Committee Summative Exam, 2004		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 27 18 multiple-choice items 9 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 2115 to 2141.		

Comprehensive Exam		S554534.E55
Mathematics and Science & Technology Committee Summative Exam, 2005		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 27 15 multiple-choice items 12 extended-answer items (students select 11)	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 2142 to 2168.		

Comprehensive Exam		S554534.E56
Mathematics and Science & Technology Committee, 2006		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 15 multiple-choice items 10 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 2171 to 2195.		

Comprehensive Exam		S554534.E57
Mathematics and Science & Technology Committee, 2007		
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 15 multiple-choice items 10 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 2196 to 2220.		

Comprehensive Exam		S554534.E58
Mathematics and Science & Technology Committee, 2008		<b><i>New</i></b>
<b>Time:</b> 3 hours	<b>Number of items:</b> 25 15 multiple-choice items 10 extended-answer items	
The items in this exam can be found in the Physics 554-534 item bank bearing the numbers 2221 to 2245.		

# CHEMISTRY

## Secondary 5 (551-534)

The Chemistry 534 course provides students with the opportunity to investigate natural and chemistry-related technological phenomena to be able to structure the concepts of matter and energy, to become aware of the environmental issues and to study the relationships among technology and society. It is intended for Secondary V students who have successfully completed Physical Sciences 436 and who plan to continue their studies at the CEGEP level.

### Objectives

The terminal objectives of the Chemistry 534 course are grouped into five modules. The skills and learning themes of modules 2, 3, 4, and 5 alone are subject to summative evaluation.

### Items

The items are related to the terminal or the intermediate objectives of each module. They are classified as follows:

General Objectives	Types of Items	Skills
<b>Module 2:</b> Gases and their applications <b>Module 3:</b> Energy in chemical reactions <b>Module 4:</b> Rate of chemical reactions <b>Module 5:</b> Equilibrium in chemical reactions	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer	<b>A:</b> Mastery of applications <b>C:</b> Mastery of concepts <b>P:</b> Mastery of problem solving

### Exams

**Number of exams:** 29

### Changes Made Since September 2007

**Additions: Exams**                      **Items**  
S551534.E58\*                      Nos. 2240 to 2268

\*The exam was initially distributed in June 2008 under the aegis of the Mathematics and Science & Technology Committee (MaST).

### Number of Items by Module and by Skill

Modules	Skills			Total
	C	A	P	
<b>MOD2 (GAS)</b>	53	84	57	<b>194</b>
<b>MOD3 (ENE)</b>	48	90	61	<b>199</b>
<b>MOD4 (REA)</b>	43	44	28	<b>115</b>
<b>MOD5 (EQU)</b>	42	99	54	<b>195</b>
<b>Total</b>	<b>186</b>	<b>317</b>	<b>200</b>	<b>703</b>

### Number of Items by Module and by Type

Modules	Type			Total
	M	C	E	
<b>MOD2 (GAS)</b>	110	14	70	<b>194</b>
<b>MOD3 (ENE)</b>	115	12	72	<b>199</b>
<b>MOD4 (REA)</b>	63	10	42	<b>115</b>
<b>MOD5 (EQU)</b>	107	19	69	<b>195</b>
<b>Total</b>	<b>395</b>	<b>55</b>	<b>253</b>	<b>703</b>

**Note:** Those items bearing numbers **greater than 2000** are Science Coordinating Committee items.

### Types of Exams

Comprehensive Exam		S551534.E01
Laval – Laurentides – Lanaudière Region, 1993 BIM National Committee, 1993		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 9 multiple-choice items 8 short-answer items 8 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 1 to 25.		

Comprehensive Exam		S551534.E02
Science Coordinating Committee Summative Exam, 1999		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 32 (students answer 28) 20 multiple-choice items 12 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 2001 to 2032.		

Comprehensive Exam		S551534.E03
Estrie Region, 1994 BIM National Committee, 1994-1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 9 multiple-choice items 8 short-answer items 8 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 26 to 50.		

Comprehensive Exam		S551534.E04
Bas-Saint-Laurent Region, 1994 BIM National Committee, 1994-1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 9 multiple-choice items 9 short-answer items 7 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 52 to 76.		

Laboratory Exam		S551534.E05
Québec – Chaudière – Appalaches Region, 1995 BIM National Committee, 1995-1997		
<b>Time:</b> 50 minutes	<b>Number of tasks:</b> 5	

Comprehensive Exam		S551534.E06
Québec – Chaudière – Appalaches Region BIM National Committee, 1995		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 15 multiple-choice items 5 short-answer items 5 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 96 to 120.		

Laboratory Exam		S551534.E07
Bas-Saint-Laurent – Gaspésie Region, 1996 BIM National Committee 1996-1998		
<b>Time:</b> 50 minutes	<b>Number of tasks:</b> 3	
Only one activity must be completed.		

Comprehensive Exam		S551534.E08
Laboratory		
Montérégie Region, 1996 BIM National Committee, 1997-1999		
<b>Time:</b> 2 hours	<b>Number of items:</b> 8 activities	
Only one activity must be completed.		

Comprehensive Exam		S551534.E09
Montreal Region, 1997 BIM National Committee 1997-1998		
<b>Time:</b> 3 hours Part 1: 2 hours 10 minutes Part 2: 50 minutes	<b>Number of items:</b> Part 1: 25 items 13 multiple-choice items 7 short-answer items 5 extended-answer items Part 2: 1 laboratory item	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 121 to 146.		

Comprehensive Exam		S551534.E10
Gaspésie – Îles-de-la-Madeleine, 1998 BIM National Committee, 1998-2000		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 14 multiple-choice items 2 short-answer items 9 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 147 to 171.		

Comprehensive Exam		S551534.E11
Québec – Chaudière – Appalaches Region, 1999 BIM National Committee, 1999-2001		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 29 (Students answer 25) 17 multiple-choice items 12 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 172 to 200.		

Secondary School Leaving Exam		S551534.E12
MEQ, June 1996		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 29 17 multiple-choice items 12 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 201 to 229.		

Complementary Exam		S551534.E13
MEQ, August 1996		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 29 17 multiple-choice items 12 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 230 to 258.		

Secondary School Leaving Exam		S551534.E14
MEQ, January 1997		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 29 17 multiple-choice items 12 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 259 to 287.		

Laboratory Exam		S551534.E15
Laval – Laurentides – Lanaudière Region, 1999 BIM National Committee, 1999-2001		
<b>Time:</b> 2 hours Part 1: 1 hour 15 minutes Part 2: 45 minutes	<b>Number of items:</b> 8 activities	
Only one activity must be completed.		

Comprehensive Exam		S551534.E16
Bas-Saint-Laurent – Gaspésie Region, 2000 BIM National Committee, 2000-2002		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 18 multiple-choice items 7 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 288 to 312.		

Comprehensive Exam		S551534.E17
Montreal Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 28 20 multiple-choice items 8 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 313 to 340.		

Comprehensive Exam		S551534.E18
Montreal Region, 2003 BIM National Committee, 2003-2005		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 17 multiple-choice items 8 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 341 to 368.		

Laboratory Exam		S551534.E20
Côte-Nord Region, 2001 BIM National Committee, 2001-2003		
<b>Time:</b> 2 hours 30 minutes Part 1: 1 hour Part 2: 1 hour 30 minutes	<b>Number of items:</b> 4	
Only one activity must be completed.		

Comprehensive Exam		S551534.E21
Mauricie – Centre-du-Québec Region, 2002 BIM National Committee, 2002-2004		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 11 multiple-choice items 14 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 369 to 393.		

Comprehensive Exam		S551534.E22
Outaouais Region, 2003 BIM National Committee, 2005-2007		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 25 11 multiple-choice items 7 short-answer items 7 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 419 to 443.		

Comprehensive Exam		S551534.E50
Science Coordinating Committee Summative Exam, 2000		
<b>Time:</b> 3 hours	<b>Number of items:</b> 31 (Students answer 28) 20 multiple-choice items 11 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 2033 to 2063.		

Comprehensive Exam		S551534.E51
Science Coordinating Committee Summative Exam, 2001		
<b>Time:</b> 3 hours	<b>Number of items:</b> 31 (Students answer 28) 20 multiple-choice items 11 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 2064 to 2094.		

Comprehensive Exam		S551534.E53
Science Coordinating Committee Summative Exam, 2003		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 29 18 multiple-choice items 11 extended-answer items (students select 7)	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 2095 to 2123.		

Comprehensive Exam		S551534.E54
Science Coordinating Committee Summative Exam, 2004		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 29 14 multiple-choice items 15 extended-answer items (students select 11)	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 2124 to 2152.		

Comprehensive Exam		S551534.E55
Mathematics and Science & Technology Committee Summative Exam, 2005		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 29 14 multiple-choice items 15 extended-answer items (students select 11)	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 2153 to 2181.		

Comprehensive Exam		S551534.E56
Mathematics and Science & Technology Committee, 2006		
<b>Time:</b> 2 hours 30 minutes	<b>Number of items:</b> 29 14 multiple-choice items 15 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 2182 to 2210.		

Comprehensive Exam		S551534.E57
Mathematics and Science & Technology Committee, 2007		
<b>Time:</b> 3 hours	<b>Number of items:</b> 29 14 multiple-choice items 15 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 2211 to 2239.		

Comprehensive Exam		S551534.E58
Mathematics and Science & Technology Committee, 2008		<b>New</b>
<b>Time:</b> 3 hours	<b>Number of items:</b> 29 14 multiple-choice items 15 extended-answer items	
The items in this exam can be found in the Chemistry 551-534 item bank bearing the numbers 2240 to 2268.		

# GENERAL BIOLOGY

## Secondary 5 (535-534)

The General Biology course enables students to discover the principles related to life and the balance in nature. The learning content is broken down into two modules and the terminal objectives are grouped into units.

**Module 1:** What is life? (4 units)

**Module 2:** Balance in Nature (2 units)

Evaluation is centred on assessing the students' acquisition of knowledge and demonstration of the problem-solving skills associated with the scientific method.

### Items

The items are related to the terminal or the intermediate objectives of each module. They are classified as follows:

Modules	Units	Types of Items	Skills
<b>Life</b>	<b>LIF1</b> A Matter of Organization	<b>M:</b> Multiple choice <b>C:</b> Short answer <b>E:</b> Extended answer	<b>A:</b> Mastery of applications <b>C:</b> Mastery of concepts <b>P:</b> Mastery of problem solving
	<b>LIF2</b> A Matter of Continuity		
	<b>LIF3</b> A Matter of Energy		
	<b>LIF4</b> A Matter of Adaptation		
<b>Balance</b>	<b>BAL1</b> A Balanced Organism		
	<b>BAL2</b> A Stable Ecosystem		

### Exams

**Number of exams:** 2

### Number of Items by Module and by Skill

Modules	Skills			Total
	C	A	P	
<b>LIF1</b>	38	16	1	<b>55</b>
<b>LIF2</b>	41	33	4	<b>78</b>
<b>LIF3</b>	31	7	1	<b>39</b>
<b>LIF4</b>	29	17	2	<b>48</b>
<b>BAL1</b>	22	13	--	<b>35</b>
<b>BAL2</b>	16	17	2	<b>35</b>
<b>Total</b>	<b>177</b>	<b>103</b>	<b>10</b>	<b>290</b>

## Number of Items by Module and by Type

Modules	Types of Items			Total
	M	C	E	
<b>LIF1</b>	23	25	7	<b>55</b>
<b>LIF2</b>	49	21	8	<b>78</b>
<b>LIF3</b>	33	5	1	<b>39</b>
<b>LIF4</b>	30	12	6	<b>48</b>
<b>BAL1</b>	13	11	11	<b>35</b>
<b>BAL2</b>	16	6	13	<b>35</b>
<b>Total</b>	<b>164</b>	<b>80</b>	<b>46</b>	<b>290</b>

## Types of Exams

Comprehensive Exam		S535534.E01
Laval – Laurentides – Lanaudière Region, 1996 BIM National Committee, 1997-1998		
<b>Time:</b> 2 hours	<b>Number of items:</b> 35 20 multiple-choice items 9 short-answer items 6 extended-answer items	
The items in this exam can be found in the General Biology 535-534 item bank bearing the numbers 226 to 260.		

Comprehensive Exam		S535534.E02
Laval – Laurentides – Lanaudière Region, 1997 BIM National Committee, 1998-1999		
<b>Time:</b> 1 hour 30 minutes	<b>Number of items:</b> 35 20 multiple-choice items 13 short-answer items 2 extended-answer items	
The items in this exam can be found in the General Biology 535-534 item bank bearing the numbers 215, 261 to 276, 278 to 287, 289 to 291, 293, 294, 296 to 298.		





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