

## Educational Update 2000

April 7, 2000 Update

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## New Curricula

To date, the following new curricula have been released for system-wide implementation within the English Program, the French Immersion Program, the Français Program and the Senior Years Technology Education Program:

<b>Curriculum Implementation – 1999-00 and Beyond</b>	
English Language Arts/English LA-Immersion/Anglais	Kindergarten to Senior 3
Français langue seconde - immersion/Français langue première	Kindergarten to Senior 3
Mathematics/Mathématiques	Kindergarten to Senior 3
Accounting Principles/Principes de comptabilité	Senior 3
Science/Sciences de la nature	Kindergarten to Grade 4

In the 2000-01 school year, the following new curricula are also scheduled for system-wide implementation:

<b>Curriculum Implementation – 2000-01 and Beyond</b>	
English Language Arts/English LA-Immersion/Anglais	Senior 4
Français langue seconde - immersion/Français langue première	Senior 4
Mathematics/Mathématiques	Senior 4
Accounting Systems/Systèmes de comptabilité	Senior 4

The 2000-01 school year has been designated as a voluntary implementation year for the following new curricula:

<b>Voluntary Implementation of Curricula – 2000-01</b>	
Science/Sciences de la nature	Grades 5 to 8 Senior 1  Senior 2 to Senior 4 (Transitional Curricula)
Mathematics/Mathématiques	Senior 1 Transitional Mathematics (2000 draft version for field validation)

Schools should continue to implement existing curricula for all other subject areas/grades.

## List of Curricula for Compulsory Subject Areas for Implementation in 2000-01

See below for a list of curriculum documents for compulsory subject areas that comprise programming for 2000-01 in Early Years, Middle Years, and Senior Years English Program/Français Program/French Immersion Program/Senior Years Technology Education Program. The list includes Manitoba Text Book Bureau catalogue numbers to facilitate ordering. As additional new curricula are released, they will replace existing curricula that pre-date 1995. These changes will be reflected in the listing.

### A. English Program and Senior Years Technology Education Program (English)

#### Early Years Curricula for Compulsory Subject Areas for Implementation in 2000-01

Subject Area	Curriculum Document	MTBB Catalogue No.
<b>English Language Arts K-4</b>	<i>Kindergarten to Grade 4 English Language Arts: Manitoba Curriculum Framework of Outcomes and Grade 3 Standards</i> (1996)	84144
	<i>Kindergarten to Grade 4 English Language Arts: A Foundation for Implementation</i> (1998)	80327
<b>Math K-4</b>	<i>Kindergarten to Grade 4 Mathematics: Manitoba Curriculum Framework of Outcomes and Grade 3 Standards</i> (1995)	84324
	<i>Kindergarten to Grade 4 Mathematics: A Foundation for Implementation</i> (1996)	84330
<b>Science K-4</b>	<i>Kindergarten to Grade 4 Science: Manitoba Curriculum Framework of Outcomes</i> (1999)	80346
	<i>Kindergarten to Grade 4 Science: A Foundation for Implementation</i> (1999)	80347
<b>Social Studies K-4</b>	<i>Social Studies Overview K-12</i> (1985) (Online update May 2000)	84540
	<i>Social Studies – Kindergarten</i> (1982)	84542
	<i>Social Studies – Grade 1</i> (1982)	84545
	<i>Social Studies – Grade 2</i> (1982)	84550
	<i>Social Studies – Grade 3</i> (1982)	84555
	<i>Social Studies – Grade 4</i> (1982)	84560
<b>Physical Education K-4</b>	<i>Physical Education K-12</i> (1981)	84415
<b>Health Education K-4</b>	<i>Health Education Overview</i> (1988)	84200
	<i>Health Education – Kindergarten</i> (Early Years) (1988)	84205
	<i>Health Education – Grade 1</i> (Early Years) (1988)	84210
	<i>Health Education – Grade 2</i> (Early Years) (1988)	84215
	<i>Health Education – Grade 3</i> (Early Years) (1988)	84220
	<i>Health Education – Grade 4</i> (Early Years) (1988)	84225
<b>Art K-4</b>	<i>Art K-6</i> (1983)	84005
<b>Music K-4</b>	<i>Music K-6</i> (1978)	84380

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### Middle Years Curricula for Compulsory Subject Areas for Implementation in 2000-01

Subject Area	Curriculum Document	MTBB Catalogue No.
<b>English Language Arts 5-8</b>	<i>Grades 5 to 8 English Language Arts: Manitoba Curriculum Framework of Outcomes and Grade 6 Standards</i> (1996)	84149
	<i>Grades 5 to 8 English Language Arts: A Foundation for Implementation</i> (1998)	80328
<b>Math 5-8</b>	<i>Grades 5 to 8 Mathematics: Manitoba Curriculum Framework of Outcomes and Grade 6 Standards</i> (1996)	84332
	<i>Grades 5 to 8 Mathematics: A Foundation for Implementation</i> (1997)	84331
<b>Science 5-8</b>	<i>Grades 5 to 8 Science: Manitoba Curriculum Framework of Outcomes</i> (2000) (voluntary implementation 2000-01)	80362
	<i>Grades 5 to 8 Science: A Foundation for Implementation</i> (2000)* * Participants at the May 2000 Year at a Glance framework orientation sessions will receive a sample excerpt from the draft foundation for implementation document.	(November 2000)
<b>Social Studies 5-8</b>	<i>Social Studies Overview K-12</i> (1985) (Online update May 2000)	84540
	<i>Social Studies – Grade 5</i> (1982)	84565
	<i>Social Studies – Grade 6</i> (1982)	84570
	<i>Social Studies – Grade 7</i> (1985)	84575
	<i>Social Studies – Grade 8</i> (1993)	84581
<b>Physical Education 5-8</b>	<i>Physical Education K-12</i> (1981)	84415
<b>Health Education 5-8</b>	<i>AIDS Education – Grade 5-6</i> (1989)	84255
	<i>AIDS Education – Grade 7-9</i> (1990)	84260
	<i>Family Life Education – Overview</i> (1990)	84270
	<i>Family Life Education – Grade 5</i> (1990)	84275
	<i>Family Life Education – Grade 7</i> (1990)	84280
	<i>Health Education Overview</i> (1988)	84200
	<i>Health Education – Grade 5 (Middle Years)</i> (1988)	84230
	<i>Health Education – Grade 6 (Middle Years)</i> (1988)	84235
	<i>Health Education – Grade 7 (Middle Years)</i> (1988)	84240
<i>Health Education – Grade 8 (Middle Years)</i> (1988)	84245	
<b>Art 5-8</b>	<i>Art K-6</i> (1983)	84005
	<i>Art Middle Years (Grades 5-8)</i> (1983)	84010
<b>Music 5-8</b>	<i>Music K-6</i> (1978)	84380
	<i>Music 7-9</i> (1979)	85385

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## Senior Years Curricula for Compulsory Subject Areas for Implementation in 2000-01

Subject Area	Curriculum Document	MTBB Catalogue No.
<b>English Language Arts S1-S4</b>	<i>Senior 1 English Language Arts: Manitoba Curriculum Framework of Outcomes and Senior 1 Standards</i> (1996)	84154
	<i>Senior 1 English Language Arts: A Foundation for Implementation</i> (1997)	80325
	<i>Senior 2 English Language Arts: Manitoba Curriculum Framework of Outcomes</i> (1998)	84156
	<i>Senior 2 English Language Arts: A Foundation for Implementation</i> (1998)	80337
	<i>Senior 3 English Language Arts: Manitoba Curriculum Framework of Outcomes</i> (1999) (Comprehensive/Literary/Transactional Focus)	80343
	<i>Senior 3 English Language Arts: A Foundation for Implementation</i> (1999) (Comprehensive/Literary/Transactional Focus)	80344
	<i>Senior 4 English Language Arts: Manitoba Curriculum Framework of Outcomes and Senior 4 Standards</i> (2000) (Comprehensive/Literary/Transactional Focus)	80360
	<i>Senior 4 English Language Arts: A Foundation for Implementation</i> (2000) (Comprehensive/Literary/Transactional Focus)* *Excerpts from a draft version of the foundation for implementation document for these three curricula will be sent to schools in May 2000.	(August 2000)
<b>Math S1-S4</b>	<i>Senior 1 Mathematics: Manitoba Curriculum Framework of Outcomes and Senior 1 Standards</i> (1997)	84333
	<i>Senior 1 Mathematics: A Foundation for Implementation</i> (1997)	84334
	<i>Senior 2 Applied Mathematics: A Foundation for Implementation</i> (1998)	80335
	<i>Senior 2 Consumer Mathematics: A Foundation for Implementation</i> (1998)	80333
	<i>Senior 2 Pre-Calculus Mathematics: A Foundation for Implementation</i> (1998)	80334
	<i>Senior 3 Applied Mathematics: A Foundation for Implementation</i> (1999)	80353
	<i>Senior 3 Consumer Mathematics: A Foundation for Implementation</i> (1999)	80350
	<i>Senior 3 Pre-Calculus Mathematics: A Foundation for Implementation</i> (1999)	80348
	<i>Senior 4 Mathematics: Manitoba Curriculum Framework of Outcomes and Senior 4 Standards</i> (2000)	(August 2000)
	<i>Senior 4 Applied Mathematics: A Foundation for Implementation</i> (2000)* *Draft copies of foundation for implementation documents for Senior 4 Applied, Consumer, and Pre-Calculus Mathematics were distributed in August, 1999. They are available until August 2000 by contacting Surujdai Gorcharan (945-8864 or <a href="mailto:surujdai.gorcharan@gov.mb.ca">surujdai.gorcharan@gov.mb.ca</a> ).	(August 2000)
<b>Accounting S3-S4</b>	<i>Senior 3 Accounting Principles: A Foundation for Implementation</i> (1999) [satisfies Senior 3 compulsory mathematics credit]	80330
	<i>Senior 4 Accounting Systems: A Foundation for Implementation</i> (2000) [satisfies S4 compulsory mathematics credit]	80331
<b>Science S1-S2</b>	<i>Senior 1 Science: Manitoba Curriculum Framework of Outcomes</i> (2000) (voluntary implementation 2000-01)	80364
	<i>Senior 1 Science: A Foundation for Implementation</i> (2000)* * Participants at the May 2000 Year at a Glance framework orientation sessions will receive a sample excerpt from the draft foundation for implementation document.	(November 2000)
	<i>Senior 2 Science</i> (1990) <b>or</b> <i>Senior 2 Science (20S) Transitional Curriculum</i> (1998)	84495
<b>Social Studies S1-S3</b>	<i>Social Studies Overview K-12</i> (1985) (Online update May 2000)	84540
	<i>Social Studies – Grade 9</i> (1987) (Canadian Studies)	84585
	<i>Social Studies – Grade 10</i> (1989) (North American Geography)	84590
	<i>Social Studies – Grade 11</i> (1988) (Canadian History)	84595
<b>Physical Education S1-S2</b>	<i>Physical Education K-12</i> (1981)	84415
<b>Health Education S1-S2</b>	<i>AIDS Education – Grade 7 to Senior 1</i> (1990)	84260
	<i>AIDS Education High School – Senior 1 to Senior 4</i> (1989)	84265
	<i>Family Life Education Overview – Grade 5 to Senior 4</i> (1990)	84270
	<i>Family Life Education – Grade 9</i> (1990)	84285
	<i>Health Education Overview</i> (1988)	84200
	<i>Health Education Guide – Grade 9</i> (1988)	84250
	<i>Health Education Guide – Grade 10</i> (1993)	84251

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## B. Français Program/French Immersion Program and Senior Years Technology Education Program (Français and French Immersion)

### Early Years Curricula for Compulsory Subject Areas for Implementation in 2000-01

Subject Area	Curriculum Document	MTBB Catalogue No.
<b>Français langue première M à 4</b>	<i>Cadre commun des résultats d'apprentissage en français langue première M-12 (1996) (POC)</i>	97222
	<i>Les résultats d'apprentissage manitobains en français langue première M-S4 (1996)</i>	97230
	<i>Français langue première, Maternelle, Programme d'études, Document de mise en œuvre (2000)</i>	June 2000
	<i>Français langue première 1<sup>re</sup> – 4<sup>e</sup> années, Programme d'études Document de mise en œuvre (1997)</i>	90235
	<i>Les normes – Trousse d'information complète 3<sup>e</sup>, 6<sup>e</sup>, S1(1999)</i>	91713
	<i>Annexe – Document d'appui au programme d'études – document de mise en œuvre 1-4 (1998)</i>	90412
<b>Français langue seconde – immersion M à 4</b>	<i>Cadre commun des résultats d'apprentissage en français langue seconde - immersion (M-12) (1996) (POC)</i>	90218
	<i>Les résultats d'apprentissage manitobains en français langue seconde - immersion M à 12 (1996)</i>	95797
	<i>Français langue seconde – immersion, Maternelle, Programme d'études, Document de mise en œuvre (2000)</i>	June 2000
	<i>Les normes – Trousse d'information complète 3<sup>e</sup>, 6<sup>e</sup>, S1 (1998)</i>	91714
	<i>Français langue seconde – immersion 1<sup>re</sup> – 4<sup>e</sup> années, Programme d'études Document de mise en œuvre (1997)</i>	90241
	<i>Annexe – Document d'appui au programme d'études – document de mise en œuvre 1-4 (1998)</i>	90412
<b>Mathématiques M à 4</b>	<i>Cadre commun des programmes d'études de Mathématiques M à 12 (1995) (POC)</i>	97469
	<i>Mathématiques Maternelle, Programme d'études – document de mise en œuvre (2000)</i>	June 2000
	<i>Mathématiques Première et deuxième années, Programme d'études – document de mise en œuvre (1998)</i>	91696
	<i>Mathématiques Troisième et quatrième années, Programme d'études – document de mise en œuvre (1998)</i>	91697
	<i>Mathématiques, Normes manitobaines de performance de l'élève 3<sup>e</sup> année (1995)</i>	90229
	<i>Mathématiques 1<sup>re</sup> – 8<sup>e</sup> années, Annexe, Document d'appui au programme d'études – Document de mise en œuvre en mathématiques (1999)</i>	93893
<b>Sciences de la nature M à 4</b>	<i>Sciences de la nature (M à 4) Cadre manitobain de résultats d'apprentissage (1999)</i>	91720
	<i>Sciences de la nature, Maternelle, Programme d'études – Document de mise en œuvre (1999)</i>	93144
	<i>Sciences de la nature, 1<sup>re</sup> année, Programme d'études – Document de mise en œuvre (1999)</i>	93140
	<i>Sciences de la nature, 2<sup>e</sup> année, Programme d'études – Document de mise en œuvre (1999)</i>	93141
	<i>Sciences de la nature, 3<sup>e</sup> année, Programme d'études – Document de mise en œuvre (1999)</i>	93142
	<i>Sciences de la nature, 4<sup>e</sup> année, Programme d'études – Document de mise en œuvre (2000)</i>	93143
<b>Éducation physique M à 4</b>	<i>Éducation physique, programme cadre, M à 12 (1982)</i>	97145
	<i>Éducation physique, maternelle (1982)</i>	97128
	<i>Éducation physique, 1<sup>re</sup> (1982)</i>	97150
	<i>Éducation physique, 2<sup>e</sup> (1982)</i>	97155
	<i>Éducation physique, 3<sup>e</sup> (1982)</i>	97158
	<i>Éducation physique, 4<sup>e</sup> à la 6<sup>e</sup> (1983)</i>	97164
<b>Éducation à la santé M à 4</b>	<i>Hygiène : Programme d'études – 1 (1988)</i>	97385
	<i>Hygiène : Programme d'études – 2 (1988)</i>	97390
	<i>Hygiène : Programme d'études – 3 (1988)</i>	97397
	<i>Hygiène : Programme d'études – 4 (1988)</i>	97404
<b>Arts plastiques M à 4</b>	<i>Arts plastiques, Programme d'études M à la 6<sup>e</sup> année (1989)</i>	97042
	<i>Arts plastiques, Programme d'études M à S4 – Version provisoire (1996)</i>	Available on request at BEF
<b>Éducation musicale 1 à 4</b>	<i>Éducation musicale, Programme d'études 1<sup>re</sup> à 4<sup>e</sup> année (1992)</i>	97120
<b>Anglais 3 à 4</b>	<i>Manitoba Curriculum Framework of Outcomes 3 and 4 (1996)</i>	90243
	<i>Kindergarten to Grade 4 English Language Arts: A Foundation for Implementation Document (K to 4) (1998)</i>	80327
	<i>Grades 3 and 4 – Support document for A Foundation for Implementation Document</i>	90452
<b>English LA-Immersion 1 à 4</b>	<i>WCP Common Curriculum Framework of ELA Outcomes K to 12 (1998)</i>	84139
	<i>Kindergarten to Grade 4 English Language Arts: Manitoba Curriculum Framework of Outcomes and Grade 3 Standards (1 to 4) (1997)</i>	90232
	<i>Support Document for A Foundation for Implementation Document – Grades 1 to 4 (1999)</i>	93907
	<i>Kindergarten to Grade 4 English Language Arts: A Foundation for Implementation Document (K to 4) (1998)</i>	80327

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## Middle Years Curricula for Compulsory Subject Areas for Implementation in 2000-01

Subject area	Curriculum Document	MTBB Catalogue No.
<b>Français langue première 5 à 8</b>	<i>Cadre commun des résultats d'apprentissage en français langue première M-12 (1996) (POC)</i>	97222
	<i>Français langue première 5<sup>e</sup> année, Programme d'études Document de mise en œuvre (1998)</i>	90236
	<i>Français langue première 6<sup>e</sup> année, Programme d'études Document de mise en œuvre (1998)</i>	90237
	<i>Français langue première 7<sup>e</sup> année, Programme d'études Document de mise en œuvre (1998)</i>	90238
	<i>Français langue première 8<sup>e</sup> année, Programme d'études Document de mise en œuvre (1998)</i>	90239
	<i>Les normes – Trousse d'information complète 3<sup>e</sup>, 6<sup>e</sup>, S1(1999)</i>	91713
<b>Français langue seconde – immersion 5 à 8</b>	<i>Cadre commun des résultats d'apprentissage en français langue seconde - immersion (M-12) (1996) (POC)</i>	90218
	<i>Les résultats d'apprentissage manitobains en français langue seconde - immersion M à 12 (1996)</i>	95797
	<i>Français langue seconde – immersion 5<sup>e</sup> année, Programme d'études – document de mise en œuvre (1998)</i>	91695
	<i>Français langue seconde – immersion 6<sup>e</sup> année, Programme d'études – document de mise en œuvre (1998)</i>	91712
	<i>Français langue seconde – immersion 7<sup>e</sup> année, Programme d'études – document de mise en œuvre (1998)</i>	91700
	<i>Français langue seconde – immersion 8<sup>e</sup> année, Programme d'études – document de mise en œuvre (1998)</i>	91701
	<i>Les normes – Trousse d'information complète 3<sup>e</sup>, 6<sup>e</sup>, S1 (1998)</i>	91714
<b>Mathématiques 5 à 8</b>	<i>Cadre commun des programmes d'études de mathématiques M à 12 (1995) (POC)</i>	97469
	<i>Mathématiques Cinquième et sixième années, Programme d'études – document de mise en œuvre (1998)</i>	91704
	<i>Mathématiques Septième et huitième années, Programme d'études – document de mise en œuvre (1998)</i>	91705
	<i>Mathématiques 1<sup>re</sup> – 8<sup>e</sup> années, Annexe, Document d'appui au programme d'études – Document de mise en œuvre en mathématiques (1999)</i>	93893
	<i>Mathématiques, Normes manitobaines de performance de l'élève 6 (1997)</i>	90228
<b>Sciences de la nature 5 à 8</b>	<i>Sciences de la nature (5 à 8) Cadre manitobain de résultats d'apprentissage (2000) Mise en œuvre facultative en 2000-01</i> * Participants at the May 2000 Year at a Glance framework orientation sessions will receive a sample excerpt from the draft foundation for implementation document.	94018
	<i>Sciences de la nature 5<sup>e</sup> année, Programme d'études, Document de mise en œuvre (2000)</i>	Fall 2000
	<i>Sciences de la nature 6<sup>e</sup> année, Programme d'études, Document de mise en œuvre (2000)</i>	Fall 2000
	<i>Sciences de la nature 7<sup>e</sup> année, Programme d'études, Document de mise en œuvre (2000)</i>	Fall 2000
	<i>Sciences de la nature 8<sup>e</sup> année, Programme d'études, Document de mise en œuvre (2000)</i>	Fall 2000
<b>Sciences humaines 5 à 8</b>	<i>2<sup>e</sup> version provisoire 6 - Sciences humaines: Programme d'études 5<sup>e</sup> et 6<sup>e</sup> années (1995)</i>	Available on request from BEF
	<i>2<sup>e</sup> version provisoire 7 - Sciences humaines: Programme d'études 7<sup>e</sup> et 8<sup>e</sup> années (1995)</i>	Available on request from BEF
	<i>2<sup>e</sup> version provisoire 8 - Sciences humaines: Programme d'études 7<sup>e</sup> et 8<sup>e</sup> années (1995)</i>	Available on request from BEF
<b>Éducation physique 5 à 8</b>	<i>Éducation physique, programme cadre, M à 12 (1982)</i>	97145
	<i>Éducation physique, 4<sup>e</sup> à la 6<sup>e</sup> (1983)</i>	97164
<b>Éducation à la santé 5 à 8</b>	<i>Hygiène : Programme d'études – 5 (1988)</i>	97411
	<i>Hygiène : Programme d'études – 6 (1988)</i>	97420
	<i>Hygiène : Programme d'études – 7 (1988)</i>	97426
	<i>Hygiène : Programme d'études – 8 (1988)</i>	97435
	<i>SIDA 5 et 6 (1990)</i>	97415
	<i>SIDA 7 et 8(1990)</i>	97431
	<i>Éducation familiale – 5 (1990)</i>	97412
	<i>Éducation familiale – 7 (1990)</i>	97429
<b>Arts plastiques 5 à 8</b>	<i>Arts plastiques, Programme d'études 5<sup>e</sup> à la 8<sup>e</sup> année (1993)</i>	97043
	<i>Arts plastiques, Programme d'études M à S4 – Version provisoire (1996)</i>	Available on request from BEF
<b>Éducation musicale 5 à 8</b>	<i>Éducation musicale, Programme d'études 5<sup>e</sup> à la 6<sup>e</sup> année (1992)</i>	97125
	<i>Éducation musicale, Programme d'études 5<sup>e</sup> à la 8<sup>e</sup> année – Version provisoire (1996)</i>	Available on request from BEF
<b>Anglais 5 à 8</b>	<i>Manitoba Curriculum Framework of Outcomes and Grade 6 Standards (5 to 8) (1997)</i>	90244
	<i>A Foundation for Implementation Document 5 to 8 (1998)</i>	80328
<b>English LA-Immersion 5 à 8</b>	<i>Manitoba Curriculum Framework of Outcomes and Grade 6 Standards (5 to 8) (1997)</i>	90233
	<i>A Foundation for Implementation Document 5 to 8 (1998)</i>	80328

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## Senior Years Curricula for Compulsory Subject Areas for Implementation in 2000-01

Subject Area	Curricular Documents	MTBB Catalogue No.
<b>Français langue première S1 à S4</b>	<i>Cadre commun des résultats d'apprentissage en français langue première M-12 (1996) (POC)</i>	97222
	<i>Français langue première Secondaire 1, Programme d'études, Document de mise en œuvre (1997)</i>	90240
	<i>Français langue première Secondaire 2, Programme d'études, Document de mise en œuvre (1998)</i>	91693
	<i>Français langue première Secondaire 3, Programme d'études, Document de mise en œuvre - Langue et communication (1999)</i>	93876
	<i>Français langue première Secondaire 4, Programme d'études, Document de mise en œuvre - Langue et communication (2000)</i> * Excerpts from a draft version of the foundation for implementation document for this curriculum will be sent to schools in May 2000.	August 2000
	<i>Les normes – Trousse d'information complète 3<sup>e</sup>, 6<sup>e</sup>, S1(1999)</i>	91713
	<i>Normes manitobaines de performance S4 (2000)</i>	June 2000
<b>Français langue seconde – immersion S1 à S4</b>	<i>Cadre commun des résultats d'apprentissage en français langue seconde - immersion (M-12) (1996) (POC)</i>	90218
	<i>Les résultats d'apprentissage manitobains en français langue seconde - immersion M à 12 (1996)</i>	95797
	<i>Français langue seconde – immersion Secondaire 1 (10F) et Secondaire 2 (20F), Programme d'études – document de mise en œuvre (1998)</i>	91702
	<i>Français langue seconde – immersion Secondaire 3 30S : Langue et communication, Programme d'études – document de mise en œuvre (1999)</i>	93892
	<i>Français langue seconde – immersion Secondaire 4 40S : Langue et communication, Programme d'études – document de mise en œuvre (2000)</i> * Excerpts from a draft version of the foundation for implementation document for these three curricula will be sent to schools in May 2000.	August 2000
	<i>Les normes – Trousse d'information complète 3<sup>e</sup>, 6<sup>e</sup>, S1 (1998)</i>	91714
	<i>Normes manitobaines de performance S4 (2000)</i>	June 2000
<b>Mathématiques S1 à S4</b>	<i>Cadre commun des programmes d'études de mathématiques M à 12 (1995) (POC)</i>	97469
	<i>Mathématiques, Normes manitobaines de performance de l'élève S1 (1997)</i>	91649
	<i>Mathématiques Secondaire 1, Programme d'études – document de mise en œuvre (1998)</i>	91698
	<i>Mathématiques pré-calcul 20S, Programme d'études – Document de mise en œuvre (1999)</i>	91718
	<i>Mathématiques appliquées 20S, Programme d'études, Document de mise en œuvre (1999)</i>	93880
	<i>Mathématiques du consommateur 20S, Programme d'études, Document de mise en œuvre (1999)</i>	93877
	<i>Mathématiques pré-calcul 30S, Programme d'études – Document de mise en œuvre (2000)</i>	June 2000
	<i>Mathématiques appliquées 30S, Programme d'études, Document de mise en œuvre (2000)</i>	June 2000
	<i>Mathématiques du consommateur 30S, Programme d'études, Document de mise en œuvre (2000)</i>	June 2000
	<i>Mathématiques pré-calcul 40S, Programme d'études, Document de mise en œuvre (2000) (Version provisoire)</i>	August 2000
	<i>Mathématiques appliquées 40S, Programme d'études, Document de mise en œuvre (2000) (Version provisoire)</i>	August 2000
	<i>Mathématiques du consommateur 40S, Programme d'études, Document de mise en œuvre (2000) (Version provisoire)</i>	August 2000
	<i>Mathématiques, Normes manitobaines de performance de l'élève S4 (2000) (Version provisoire)</i>	August 2000
<b>Comptabilité S3-S4</b>	<i>Principes de comptabilité 30S, Programme d'études, Document de mise en œuvre (2000) (permet d'obtenir le crédit obligatoire de matière de base)</i>	Fall 2000
	<i>Systèmes de comptabilité 40S, Programme d'études, Document de mise en œuvre (2000) (permet d'obtenir le crédit obligatoire de matière de base)</i>	Fall 2000
<b>Sciences de la nature S1 à S2</b>	<i>Cadre manitobain de résultats d'apprentissage Secondaire 1 (2000) Mise en œuvre facultative en 2000-01</i> * Participants at the May 2000 Year at a Glance framework orientation sessions will receive a sample excerpt from the draft foundation for implementation document.	94019
	<i>Sciences de la nature Secondaire 1, Programme d'études – Document de mise en œuvre (2000)</i>	Fall 2000
	<i>Sciences de la nature 20S, Programme d'études FL<sub>1</sub> – FL<sub>2</sub> Secondaire II – 20S (version provisoire) (1995)</i> <b>ou</b>	Available on request from BEF
	<i>Sciences de la nature, Programmes d'étude 20S – 20G (1984)</i>	97580
<b>Sciences humaines S1 à S3</b>	<i>Sciences humaines, Études canadiennes, 9<sup>e</sup> année (1987)</i>	97684
	<i>Sciences humaines, Géographie du Canada: 10<sup>e</sup> année (1986)</i>	97689
	<i>Sciences humaines 11<sup>e</sup> année: Histoire du Canada (1986)</i>	97694
<b>Éducation physique S1 à S2</b>	<i>Éducation physique, programme cadre, M à 12 (1982)</i>	97145
<b>Éducation à la santé S1 à S2</b>	<i>Hygiène : Programme d'études – 9 (1988)</i>	97441
	<i>Hygiène : Programme d'études – S2 (1994)</i>	97447
	<i>Éducation familiale – 9 (1990)</i>	97442
	<i>SIDA 10<sup>e</sup> à 12<sup>e</sup> années (1990)</i>	97449



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<b>Arts plastiques</b>	<i>Arts plastiques, Programme d'études M à S4 – Version provisoire (1996)</i>	Available on request from BEF
<b>Anglais et English LA-Immersion S1 to S4</b>	<i>Manitoba Curriculum Framework of Learning Outcomes and Senior 1 Standards (S1) (1996)</i>	84154
	<i>A Foundation for Implementation Document S1 (1997)</i>	80325
	<i>Manitoba Curriculum Framework of Learning Outcomes (S2) (1998)</i>	84156
	<i>Foundation for Implementation Document S2 (1998)</i>	80337
	<i>Manitoba Curriculum Framework of Learning Outcomes (S3) (Comprehensive Focus, Literary Focus, Transactional Focus) (1999)</i>	80343
	<i>Foundation for Implementation Document S3(Comprehensive Focus, Literary Focus, Transactional Focus) (1999)</i>	80344
	<i>Manitoba Curriculum Framework of Learning Outcomes and S4 Standards (S4) (Comprehensive Focus, Literary Focus, Transactional Focus) (2000)</i>	80360
<b>Foundation for Implementation Document S4 ) (Comprehensive Focus, Literary Focus, Transactional Focus) (2000) )*</b> *Excerpts from a draft version of the foundation for implementation document for these three curricula will be sent to schools in May 2000.	August 2000	

**Contacts:**

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## How to Access Manitoba Education and Youth Curricula

### Newly Released Curricula

New curricula are distributed through the Department's mailing system to chairs of school boards, presidents of advisory/parent councils, superintendents of education, principals, subject area teachers, resource teachers, and deans of faculties of education. Manitoba Education, Training and Youth retains a limited number of new curricula for approximately three months after their release. During this three-month period, schools may contact School Programs Division, Program Development Branch or the Bureau de l'éducation française Division, Curriculum Development and Implementation Branch to request additional copies, at no cost, until the stock runs out. After the Department's stock is depleted, these curricula can be purchased from the Manitoba Text Book Bureau.

### Previously Released Curricula

The Department does not stock previously released curricula. For information on ordering curricula, refer to the [Manitoba Text Book Bureau](#) website.

Reference copies also are available at the Manitoba Education, Training and Youth Library, or at the Library and Materials Production Branch (DREF) in Winnipeg, and at most school libraries and divisional/district resource centres.

### Online Access to Curricula

Copyright restrictions prevent Manitoba Education, Training and Youth from posting many curriculum documents on the Department's website. We will continue to address this issue to increase online access. Presently, the student learning outcomes for the following subject areas are available online at <http://www.edu.gov.mb.ca/k12/cur/>

- Kindergarten to Grade 4 Science
- Grades 5 to 8 Science
- Senior 1 Science
- Senior 2 Science (transitional curriculum)
- Senior 3 Physics/Biology/Chemistry (transitional curricula)
- Senior 4 Physics/Biology/Chemistry (transitional curricula)

## Curriculum Implementation Time Lines - Summary Charts

Implementation Time Lines for Kindergarten to Grade 8 Mathematics/Mathématiques, English Language Arts/English LA-Immersion/Anglais, and Français langue première/Français langue seconde - immersion

Curriculum	Grade	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01 and continuing
<b>Mathematics/ Mathématiques</b>	<b>K-4</b>	System-wide implementation of new Mathematics curriculum					
	<b>5-8</b>	System-wide implementation of new Mathematics curriculum					
<b>English Language Arts/ English LA-Immersion/ Anglais</b>	<b>K-4</b>	System-wide implementation of new English Language Arts curriculum					
	<b>5-8</b>	System-wide implementation of new English Language Arts curriculum					
<b>Français langue première/ Français langue seconde – immersion</b>	<b>K-4</b>	System-wide implementation of new Français curriculum					
	<b>5-8</b>	System-wide implementation of new Français curriculum					

The following Implementation Time Line charts for the 2000-01 school year and beyond are posted within related subject area updates:

- [Senior Years English Language Arts/English LA-Immersion/Anglais Implementation Time Lines](#)
- [Senior Years Français langue - seconde immersion/Français langue première Implementation Time Lines](#)
- [Senior Years Mathematics/Mathématiques Implementation Time Lines](#)
- [Kindergarten to Grade 8 Science/Sciences de la nature Implementation Time Lines](#)
- [Senior 1 to Senior 4 Science/Sciences de la nature Implementation Time Lines](#)
- [Kindergarten to Senior 2 Physical Education/Health Education/Éducation physique/Éducation à la santé Implementation Time Lines](#)

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## English Language Arts/English LA-Immersion/Anglais

### **New Curricula for Senior 4 English Language Arts/English LA-Immersion/Anglais – 2000-01**

New English language arts curricula have been developed for three Senior 4 courses: *Senior 4 English Language Arts: Comprehensive Focus (40S)*, *Senior 4 English Language Arts: Literary Focus (40S)*, and *Senior 4 English Language Arts: Transactional Focus (40S)*. They are scheduled for system-wide implementation in the 2000-01 school year. Excerpts from a draft version of the foundation for implementation document for these three curricula will be sent to schools in May 2000; the final version will be released in August 2000.

Students are required to complete any one of the three courses at Senior 4 to satisfy compulsory core graduation requirements. (They may hold credit for all three.) Manitoba Education and Training will not limit students' selection of Senior 4 English language arts courses based on the Senior 3 English language arts courses they complete.

Schools may continue to implement existing curricula for the following compulsory complementary/optional supplementary Senior 4 English language arts courses in 2000-01: *Senior 4 English Language Arts: Language and Literary Forms (40S)*; *Senior 4 English Language Arts: Language and Transactional Forms (40S)*; *Senior 4 English Language Arts: Language and Technical Communication (Pilot) (40S)*. Please refer to *English Language Arts: Grades 9-12 (1987)* and *Senior 4 English Language Arts: Technical Communication (1994)*.

*Senior 4 English Language Arts: Language and Technical Communication (Pilot) (40S)* may be used to meet Senior 4 English language arts compulsory graduation requirements for students meeting graduation requirements within the Senior Years Technology Education Program.

### **ELA Implementation Initiatives: Year at a Glance (YAG)/Coup d'œil sur l'année**

Regional inservice sessions to support implementation of Senior 4 English language arts curricula are scheduled for Fall 2000 and Winter 2001.

### **Learning Resources for English Language Arts/English LA-Immersion/Anglais**

Curriculum-matched learning resources for English language arts have been identified through Manitoba or Western Canadian Protocol (WCP) evaluations. The results of the WCP reviews are contained in annotated bibliographies of recommended learning resources. To review annotations for English language arts, visit the WCP web site at <http://www.wcp.ca/>. For information on ordering learning resources, refer to the [Manitoba Text Book Bureau](#) website.

### **Independent Study Program (ISP) Courses for English Language Arts/English LA-Immersion/Anglais**

The Department develops curriculum-matched Independent Study Program (ISP) courses for distance education delivery. They can also be purchased to provide additional teacher support for curriculum implementation. For a listing of currently available courses for English language arts, refer to *Distance Delivery Unit: A Handbook for Distance Delivery Unit Clients*, online at <http://www.edu.gov.mb.ca/k12/dl/index.html>.

### **Post-Secondary Acceptance of New Senior Years English Language Arts/English LA-Immersion/Anglais Curricula**

Concurrent with the development of new Senior Years English language arts curricula, Manitoba Education and Training has met regularly with post-secondary institutions to ensure acceptance of English language arts credits for admission into university and community college programs.

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It is important, however, that Senior Years students planning studies beyond Senior 4 contact post-secondary institutions directly to confirm requirements for general admission and/or entrance to specific faculties/programs/courses.

For current information on post-secondary acceptance of English language arts curricula refer to <http://www.edu.gov.mb.ca/k12/cur/ela-articulation-feb00.html>

Implementation Time Lines – Senior Years English Language Arts/English LA-Immersion/Anglais

The following chart summarizes the implementation time frame for Senior Years English language arts.

<b>Senior Years English Language Arts/English LA-Immersion/Anglais Curricula Implementation Time Lines</b>				
<b>Curriculum Framework</b>	<b>1997-98</b>	<b>1998-99</b>	<b>1999-00</b>	<b>2000-01 and continuing</b>
<b>Senior 1 ELA Outcomes &amp; Standards</b> (10F)				
<b>Senior 2 ELA Outcomes</b> (20F)				
<b>Senior 3 ELA Outcomes</b> ELA: Comprehensive Focus (30S) ELA: Literary Focus (30S) ELA: Transactional Focus (30S)				
<b>Senior 4 ELA Outcomes &amp; Standards</b> ELA: Comprehensive Focus (40S) ELA: Literary Focus (40S) ELA: Transactional Focus (40S)				
<b>*Discontinue Use of Existing Senior Years ELA Curricula (1987)</b>	Senior 1 (10F)	Senior 2 (20F)	Senior 3 (30G/30S/30S)	Senior 4 (40G/40S/40S)

### Key

Shaded areas denote the school years in which system-wide implementation of new Senior Years English language arts curricula began, and ongoing implementation.

\*Note: schools may continue to implement existing Senior 4 curricula for the following compulsory complementary/optional supplementary courses in 2000-01: *English Language Arts: Language and Literary Forms (40S)*; *English Language Arts: Language and Transactional Forms (40S)*; *English Language Arts: Language and Technical Communication (40S) (Pilot)*..

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## **Français langue seconde - immersion/Français langue première**

### **New Curricula for Senior 4 Français langue seconde - immersion/Français langue première – 2000-01**

New curricula for Senior 4 Français langue seconde - immersion/Français langue première have been developed for system-wide implementation in the 2000-01 school year. Excerpts from a draft version of the foundation for implementation document for these three curricula will be sent to schools in May 2000; the final version will be released in August 2000.

### **Français langue seconde - immersion/Français langue première Implementation Initiatives: Coup d'œil sur l'année**

Regional inservice sessions to support implementation of Senior 4 Français langue seconde - immersion/Français langue première curricula are scheduled for Fall 2000 and Winter 2001.

### **Learning Resources for English Language Arts/English LA-Immersion/Anglais**

Lists of learning resources evaluated by Manitoba Français langue seconde - immersion/Français langue première teachers are included in the foundation for implementation documents.

For information on ordering Français langue seconde - immersion/Français langue première learning resources, refer to the Manitoba Text Book Bureau web site at <http://www.mtbb.mb.ca>.

### **Implementation Time Lines – Senior Years Français langue seconde - immersion/Français langue première**

The following chart summarizes the implementation time frame for Senior Years Français langue seconde immersion/Français langue première.

<b>Senior Years Français langue - seconde immersion/Français langue première Curricula Implementation Time Lines</b>				
<b>Senior Years Français langue seconde - immersion/Français langue première</b>	<b>2000- 01</b>	<b>2001- 02</b>	<b>2002- 03</b>	<b>2003-04</b>
<b>Senior 1 Français langue seconde - immersion/Français langue première - Documents de mise en œuvre</b>  (10F)	System-wide implementation of new curriculum began in 1997-98			
<b>Senior 2 Français langue seconde - immersion/Français langue première - Documents de mise en œuvre</b>  <i>Langue et communication</i>  (20F)	System-wide implementation of new curriculum began in 1998-99			
<b>Senior 3 Français langue seconde - immersion/Français langue première - Documents de mise en œuvre</b>  <i>Langue et communication</i>  (30S)	System-wide implementation of new curriculum began in 1999-00			
<b>Senior 4 Français langue seconde - immersion/Français langue première - Documents de mise en œuvre</b>  <i>Langue et communication</i>  (40S)	System-wide implementation of new curriculum begins in 2000-01			
<b>Use of existing Français langue seconde - immersion/Français langue première - Documents de mise en œuvre</b>  (40G/40S)	Discontinue Français langue seconde - immersion/Français langue première - (40G/40S)			

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## Mathematics/Mathématiques

### New Curricula for Senior 4 Mathematics/Mathématiques – 2000-01

New mathematics/mathématiques curricula have been developed for three Senior 4 courses: *Senior 4 Applied Mathematics (40S)*, *Senior 4 Consumer Mathematics (40S)*, and *Senior 4 Pre-Calculus Mathematics (40S)*. They are scheduled to be released in August 2000 for system-wide implementation in 2000-01.

These foundation for implementation documents, to be released in August 2000, will replace the draft documents that were distributed for field validation/voluntary implementation in schools offering the English Program in 1999-2000. They have been revised on the basis of feedback from pilot teachers. Revisions include designating the Statistics Unit in the *Senior 4 Pre-Calculus Mathematics (40S)* course as optional; and in *Senior 4 Consumer Mathematics*, increasing the emphasis on decision making, and adding student learning outcomes related to a data analysis project and portfolio development. A draft version of the framework document will be sent to schools in June 2000.

Students are required to complete any one of these three mathematics courses to satisfy Senior 4 compulsory graduation requirements for mathematics. (They may hold credit for all three courses.) *Senior 3 Accounting Principles* and *Senior 4 Accounting Systems* can also be used to meet compulsory mathematics credits for Senior Years graduation.

A revised *Senior 4 Accounting Systems (40S)* was released in March 2000. (The French version of this document will be released in Fall 2000.)

### Senior 1 Mathematics/Mathématiques secondaire 1

In the 2000-01 school year, the Department requires that students complete *Senior 1 Mathematics* as their compulsory credit for Senior Years graduation.

### Senior 1 Transitional Mathematics/Mathématiques de transition - secondaire 1

*Senior 1 Transitional Mathematics*, comprising two half credits which can be used as compulsory complementary/optional supplementary credits, is intended to help in addressing gaps in students' mathematical understandings as they transition from Grade 8 to Senior 1 mathematics. Field validation and voluntary implementation of the draft curriculum document occurred during the 1999-00 school year. The Department will extend the field validation to include the 2000-01 school year. In August 2000, schools will receive a revised draft version of *Senior 1 Transitional Mathematics* for voluntary implementation in the 2000-01 school year.

### Review of Mathematics/Mathématiques Learning Outcomes – Grade 7 to Senior 2

As part of the process of updating or "evergreening" provincial curricula, the Department has initiated a review of Grade 7 to Senior 2 mathematics student learning outcomes to determine if adjustments are required. Data from the Manitoba evergreen review will be compiled with those of other Western Canadian Protocol (WCP) jurisdictions (British Columbia, Alberta, Saskatchewan, Yukon Territory, and Northwest Territories) to guide the revision, if necessary, of the WCP *The Common Curriculum Framework for Mathematics, Kindergarten to Grade 12*, upon which Manitoba's mathematics curriculum is based. Information will be sent to the field shortly.

### Mathematics Implementation Initiatives: Year at a Glance (YAG)/Coup d'œil sur l'année

Regional inservice sessions to support implementation of Senior 4 mathematics are scheduled for Fall 2000 and Winter/Spring 2001. Regional inservice sessions to support implementation of *Senior 1 Transitional Mathematics* will be offered in Fall 2000.

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Search and register for sessions for the English Program and Senior Years Technology Education Program (English) on the YAG web site at <http://www2.edu.gov.mb.ca/yag/>.

### **Learning Resources for Mathematics/Mathématiques**

Curriculum-matched learning resources for mathematics have been identified through Manitoba or Western Canadian Protocol (WCP) evaluations. The results of the WCP reviews are contained in annotated bibliographies of recommended learning resources. To review annotations for mathematics, visit the WCP web site at <http://www.wcp.ca/>. For information on ordering learning resources, refer to the [Manitoba Text Book Bureau](#) website.

### **Phasing Out the Availability of Senior 2-Senior 4 Exercises for Applied Mathematics and Pre-Calculus Mathematics/Mathématiques appliquées et Mathématiques pré-calcul de secondaire 2 à secondaire 4**

Beginning in the 2001-02 school year, the Department will start to phase out the availability of the student exercises, answers, and solutions developed by Senior Years mathematics development teams, for Senior 2 to Senior 4 Applied and Pre-Calculus Mathematics. These documents—designed as supplements to a foundation for implementation—were an interim measure to support the implementation of new curricula until other curriculum-matched learning resources could be identified.

As the new Mathematics curricula were released, the Department evaluated Mathematics learning resources submitted by publishers, or developed materials in collaboration with publishers. The result is a listing of recommended learning resources available to schools from the Manitoba Text Book Bureau.

Therefore, the documents listed below will no longer be available from the Department or the Manitoba Text Book Bureau, effective in the school years indicated in the phase-out chart that follows.

#### **Senior 2 to Senior 4 Applied Mathematics (20S/30S/40S)/Mathématiques appliquées du secondaire 2 au secondaire 4 (20S/30S/40S)**

- *Applied Mathematics Exercises: A Supplement to A Foundation for Implementation*

#### **Senior 2 to Senior 4 Pre-Calculus Mathematics (20S/30S/40S)/Mathématiques pré-calcul du secondaire 2 au secondaire 4 (20S/30S/40S)**

- *Pre-Calculus Mathematics Cumulative Exercises: A Supplement to A Foundation for Implementation*
- *Pre-Calculus Mathematics, Answers to Cumulative Exercises: A Supplement to A Foundation for Implementation*
- *Pre-Calculus Mathematics, Solutions to Cumulative Exercises: A Supplement to A Foundation for Implementation*

<b>Phase Out of the Availability of Senior 2-4 Applied/Pre-Calculus Mathematics Supplements (English Program)</b>		
<b>Grade</b>	<b>Document Title</b>	<b>Discontinue Availability</b>
Senior 2	Applied Math Exercises Pre-Calculus Math Cumulative Exercises/Answers/Solutions	2001-02 school year
Senior 3	Applied Math Exercises Pre-Calculus Math Cumulative Exercises/Answers/Solutions	2002-03 school year
Senior 4	Applied Math Exercises Pre-Calculus Math Cumulative Exercises/Answers/Solutions	2003-04 school year

For the French Immersion Program and the Français Program, the phase-out schedule will be aligned with the listing of recommended learning resources as they become available to schools from the Manitoba Text Book Bureau.

### **Independent Study Program (ISP) Courses for Mathematics/Mathématiques**

The Department develops curriculum-matched Independent Study Program (ISP) courses for distance education delivery. They can also be purchased to provide additional teacher support for curriculum implementation. For a listing of currently available courses for mathematics, refer to *Distance Delivery Unit: A Handbook for Distance Delivery Unit Clients*, online at <http://www.edu.gov.mb.ca/k12/dl/index.html>.

Information related to courses offered *en français* will soon be distributed to all schools offering the French Immersion and Français Programs.

### **Computer Guided Learning (CGL) Courseware for Mathematics/Projet d'apprentissage assisté par ordinateur en Mathématiques**

*The Learning Equation* courseware is available for each of Grades 7 and 8, and Senior 1 and 2. The French versions of this courseware (*La formule du savoir*) for Senior 1 and 2 are expected to be available for the beginning of the 2000-01 school year. The courseware is designed to complement the Manitoba mathematics curricula at these grades. Note: *The Learning Equation 10/La formule du savoir 10* supports Manitoba's *Senior 2 Pre-Calculus Mathematics* curriculum. The feasibility of developing similar courseware for use in Senior 3 and Senior 4 pre-calculus mathematics is being investigated.

### **Post-Secondary Acceptance of New Senior Years Mathematics/Mathématiques Curricula**

Concurrent with the development of new Senior Years mathematics curricula, Manitoba Education and Training has met regularly with post-secondary institutions to ensure acceptance of mathematics credits for entrance into university and community college programs.

It is important, however, that Senior Years students planning studies beyond Senior 4 contact post-secondary institutions directly to confirm requirements for general admission and/or entrance to specific faculties/programs/courses.

For current information on Post-secondary Acceptance of Mathematics Curricula, refer to <http://www.edu.gov.mb.ca/k12/cur/math-post-sec-accept-may99.html>.

### **Implementation Time Lines – Senior Years Mathematics/Mathématiques au secondaire**

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The following chart summarizes the implementation time frame for Senior Years mathematics/mathématiques au secondaire.

<b>Senior Years Mathematics/Mathématiques Implementation Time Lines</b>					
<b>Curriculum</b>	<b>1997-98</b>	<b>1998-99</b>	<b>1999-00</b>	<b>2000-01</b>	<b>2001-02 and continuing</b>
<b>Senior 1 Outcomes &amp; Standards</b> Mathematics (10F) Compulsory Credit			Choice I and Choice II		
<b>Senior 1 Outcomes</b> Transitional Mathematics Compulsory Complementary/ Optional Supplementary Credit			Pilot/ Voluntary Implementation	Pilot/ Voluntary Implementation	
<b>Senior 2 Outcomes</b> Applied Mathematics (20S) Consumer Mathematics (20S) Pre-Calculus Mathematics (20S)	Pilot/ Voluntary Implementation				
<b>Senior 3 Outcomes</b> Applied Mathematics (30S) Consumer Mathematics (30S) Pre-Calculus Mathematics (30S) Accounting Principles (30S)	Pilot	Pilot/ Voluntary Implementation			
<b>Senior 4 Outcomes &amp; Standards</b> Applied Mathematics (40S) Consumer Mathematics (40S) Pre-Calculus Mathematics (40S) Accounting Systems (40S)	Pilot	Pilot	Pilot/ Voluntary Implementation		
<b>Discontinue Use of Existing Mathematics Curricula</b>	Senior 1 (10G) (interim 1995)	Senior 2 (20G/20S)	Senior 3 (30G/30S)	Senior 4 (40G/40S)	

### Key

Shaded areas denote the school years in which system-wide implementation of new Senior Years mathematics and accounting curricula began, and ongoing implementation.

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## Science/Sciences de la nature

### Early Years Science/ Sciences de la nature - jeune enfance

In 1999, the Department completed a new curriculum for Early Years science. *Kindergarten to Grade 4 Science: Manitoba Curriculum Framework of Outcomes*, and *Kindergarten to Grade 4 Science: A Foundation for Implementation* have been distributed to schools in French and in English. To facilitate planning for instruction, access the online Science Learning Outcomes Search Site and the online version of the Framework at <http://www.edu.gov.mb.ca/k12/cur/science/>.

A similar site will also be developed for Sciences de la nature.

### Middle Years Science/Sciences de la nature - années intermédiaires – Voluntary Implementation Year

*Grades 5 to 8 Science: Manitoba Curriculum Framework of Outcomes* will be distributed to schools in April 2000 in French and in English. Concurrent with the release of the framework, the online Science Learning Outcomes Search Site and the online version of the Framework will be available at <http://www.edu.gov.mb.ca/k12/cur/science/>.

A similar site will also be developed for Sciences de la nature.

Development teams are continuing work on the French and English versions of the *Grades 5 to 8 Science: A Foundation for Implementation*, scheduled for release in November 2000. Participants at the May 2000 Year at a Glance framework orientation sessions will receive a sample excerpt from the draft foundation for implementation document.

To provide teachers and students with more time to become familiar with the changes in science education that are contained in the Grades 5 to 8 science curriculum, 2000-01 is designated as a voluntary implementation year. During this school year, schools/school divisions/districts may choose to introduce the new science curriculum.

### Implementation Time Lines – Kindergarten to Grade 8 Science/Sciences de la nature

The following chart summarizes the implementation time frame for Kindergarten to Grade 8 science.

Kindergarten to Grade 8 Science/Sciences de la nature – Implementation Time Lines					
Curriculum Framework	1999-00	2000-01	2001-02	2002-03	2003-04
<b>K-4 Outcomes Science/Sciences de la nature</b>	System-wide implementation of new curriculum began in 1999-00				
<b>5-8 Outcomes Science/Sciences de la nature</b>		Voluntary implementation		System-wide implementation of new curriculum is scheduled to begin in 2001-02	

### **Senior 1 Science/Sciences de la nature secondaire 1 – Voluntary Implementation Year**

The French and English versions of *Senior 1 Science: Manitoba Curriculum Framework of Outcomes* will be distributed to schools in April 2000. Concurrent with the release of the framework, the online Science Learning Outcomes Search Site and the online version of the Framework will be available at <http://www.edu.gov.mb.ca/k12/cur/science/>.

A similar site will also be developed for Sciences de la nature.

Development teams are continuing work on the French and English versions of *Senior 1 Science: A Foundation for Implementation*, scheduled for release in November 2000. Participants at the May 2000 Year at a Glance framework orientation sessions will receive a sample section of the draft foundation for implementation document.

To provide teachers and students with more time to become familiar with changes in science education that are contained in the Senior 1 science curricula, 2000-01 has been designated as a voluntary implementation year. During this school year, schools/school divisions/districts may choose to introduce the new science curriculum. Full system-wide implementation of new Senior 1 science begins in 2001-02.

### **Senior 2 to Senior 4 Science/Sciences de la nature secondaire 2 - 4**

New science curricula for Senior 2 to 4 also are scheduled for voluntary implementation in the first school year after their release (see chart below). Therefore, school divisions/districts are encouraged to decide in advance whether their schools will follow either the voluntary implementation schedule, or a full implementation schedule in Year 1. This year-by-year consistency is important as students advance from one grade to the next.

Until new Senior 2 to Senior 4 science curricula are complete, schools may continue to implement existing science curricula, or transitional science curricula. For the English Program, refer to the website at <http://www.edu.gov.mb.ca/k12/cur/science/> for information on Senior Years science curricula.

**Implementation Time Lines - Senior 1 to Senior 4 Science/Sciences de la nature secondaire 1 – 4**

The following chart summarizes the implementation time frame for Senior Years science.

<b>Senior 1 to Senior 4 Science/Sciences de la nature secondaire 1 – 4 Implementation Time Lines</b>					
	<b>2000-01</b>	<b>2001-02</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>
<b>Senior 1 Science Outcomes</b>	Voluntary implementation	System-wide implementation of new Senior 1 Science curriculum is scheduled to begin in 2001-02			
<b>Senior 2 Science Outcomes</b>	Continue use of existing curricula (1990) <b>OR</b>	Voluntary implementation of new Senior 2 Science	System-wide implementation of new Senior 2 Science curriculum is scheduled to begin in 2002-03		
	Continue use of Senior 2 Science transitional curriculum (1998)				
<b>Senior 3 Science Outcomes</b>	Continue use of existing curricula (1991) <b>OR</b>	Voluntary implementation of new Senior 3 Science curricula	System-wide implementation of new Senior 3 Science curricula is scheduled to begin in 2003-04		
	Continue use of Senior 3 Biology/ Chemistry/Physics (30S/30S/30S) transitional curricula (1998)				
<b>Senior 4 Science Outcomes</b>	Continue use of existing curricula (1991) <b>OR</b>	Voluntary implementation of new Senior 4 Science curricula	System-wide implementation of new Senior 4 Science curricula is scheduled to begin in 2004-05		
	Continue use of Senior 4 Biology/Chemistry/Physics (40S/40S/40S) Transitional curricula (1998)				



## Educational Change Update 2000

### **Science/Sciences de la nature Implementation Initiatives: Year at a Glance (YAG)/Coup d'œil sur l'année**

Regional inservice sessions to support implementation of Kindergarten to Grade 4, Grades 5 to 8, and Senior 1 science will be offered during the 2000-01 school year.

Search and register for sessions for the English Program and Senior Years Technology Education Program (English) on the YAG web site at <http://www2.edu.gov.mb.ca/yag/>.

For the French Immersion Program, the Français Program, and the Senior Years Technology Education Program (French Immersion and Français), refer to the Coup d'œil sur l'année web site at <http://www.edu.gov.mb.ca/manetfr/m-s4/coup/index.html>

### **Learning Resources for Science/Sciences de la nature**

#### **English Program:**

Curriculum-matched learning resources for Kindergarten to Grade 4 science have been identified through Manitoba evaluations. Schools received a copy of the *Kindergarten to Grade 4 Science Learning Resources: Annotated Bibliography* in February 2000. In April 2000, science teachers will review learning resources to support the new science curriculum for Grades 5 to 8 and Senior 1. Following the reviews, annotated bibliographies of the recommended learning resources will be distributed to schools and a short list of approved learning resources will be posted on the web at <http://www.edu.gov.mb.ca/k12/learnres/reviews.html>. For information on ordering science learning resources, refer to the [Manitoba Text Book Bureau](#) website.

#### **French Immersion Program and Français Program:**

Lists of learning resources evaluated by Manitoba science teachers are included in the foundation for implementation documents.

For information on ordering science learning resources, refer to the [Manitoba Text Book Bureau](#) website.

### **Contacts:**

#### **English Program**

##### *Kindergarten to Grade 8 Science:*

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##### *Senior Years Science:*

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#### **French Immersion and Français Programs**

##### *Kindergarten to Grade 12 Sciences de la nature:*

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## Social Studies/Sciences humaines

### Curriculum Development for Social Studies/Sciences humaines

Manitoba is participating in a Western Canadian Protocol (WCP) Social Studies Project to develop a common curriculum framework for Kindergarten to Grade 12 social studies. Therefore, time lines for implementation of new Manitoba social studies curricula have been extended to permit alignment with the WCP framework.

In Spring 1999, Manitoba – along with other WCP jurisdictions – consulted with educational stakeholders to obtain their feedback on the French and English versions of the WCP *The Foundation Document for Social Studies Kindergarten to Grade 12*. The *Foundation Document*, which will provide practical and philosophical direction to the developers of the WCP *Framework*, was revised on the basis of this feedback. The English version of the document is available online at <http://www.edu.gov.mb.ca/k12/cur/socstud/>.

The next stage of the WCP Social Studies Project – development of the common curriculum framework – began in March 2000. To ensure ongoing input from Manitoba educators, the Department has requested nominations for a social studies curriculum advisory team. In addition, the Department will establish a committee of representatives from a variety of multicultural groups in the province to ensure that the framework reflects cultural diversity. The roles of both groups will include reviewing draft student learning outcomes and providing advice to the project leaders.

#### English Program:

##### Update of 1985 *Social Studies Overview Kindergarten to Grade 12*

Until further notice, schools continue to use existing curricula for Kindergarten to Senior 4 social studies. As an interim measure, until new Manitoba social studies curricula are developed, the Department updated the *Social Studies Overview Kindergarten to Grade 12* (1985). A team of Early/Middle/Senior Years social studies teachers revised the *Overview*, which will be posted on the Department's web site in May 2000 at <http://www.edu.gov.mb.ca/k12/cur/socstud/>.

Information about the social studies curriculum, as well as links to a variety of social studies web sites, is available online through the Department's website at <http://www.edu.gov.mb.ca/k12/cur/socstud/>.

### Learning Resources for Social Studies/Sciences humaines

#### English Program:

An annotated bibliography of learning resources that support the updated *Overview* will be distributed in Fall 2000. New listings also will be posted on the [Manitoba Text Book Bureau](#) website.

#### French Immersion Program and Français Program:

Until further notice, schools will continue to use existing curricula for Grade 1 to Senior 4 *sciences humaines*. In the interim, the *Bureau de l'éducation française* Division will be posting on its web site a list of recommended support print materials for teachers and students, as well as a list of Internet sites with educational materials in French related to history, geography, Canadian studies, and culture and heritage. In order to support teachers in their planning and teaching, the Bureau is also developing updated curriculum outlines summarizing the units and themes of study for each grade level. These outlines will be available in pdf format at the following address: <http://www.edu.gov.mb.ca/manetfr/m-s4/pf/mat-scol/sc-hum/>.

## Educational Change Update 2000

### **Contacts:**

#### **English Program Social Studies**

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#### **French Immersion and Français Programs Sciences humaines**

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## Physical Education / Health Education/Éducation physique/Éducation à la santé

The new curriculum framework of student learning outcomes for physical education/health education will be released during the 2000-01 school year. Initially, school divisions/districts are encouraged to use the framework as a tool to assist with implementation planning. Classroom implementation of the framework is not an expectation for the 2000-01 school year.

Manitoba Education and Training initiated development of a Kindergarten to Grade 4 foundation for implementation document for physical education/health education during the 1999-00 school year. A team of teacher-developers is scheduled to continue development during the 2000-01 school year.

Information related to the development and implementation of optional supplementary curricula for Senior 3 and Senior 4 physical education and health education will be communicated at a later date.

### Implementation Time Lines – Physical Education/Health Education/Éducation physique/Éducation à la santé

The following chart provides time lines for implementation of new physical education/health education curricula/éducation physique/éducation à la santé, Kindergarten to Senior 2. Time lines have been extended to reflect when implementation planning, voluntary implementation, and system-wide implementation of new curricula are scheduled to begin.

Implementation of K-S2 Physical Education/Health Education/Éducation physique/Éducation à la santé Curricula					
2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
K-4 implementation planning year for schools	K-4 Voluntary implementation		K-4 System-wide implementation		
	5-8 Implementation planning year for schools	5-8 Voluntary implementation		5-8 System-wide implementation	
		S1-S2 Implementation planning year for schools	S1-S2 Voluntary implementation	S1-S2 System-wide implementation	

### Physical Education/Health Education/Éducation physique/Éducation à la santé Implementation Initiatives: Year at a Glance/Coup d'œil sur l'année

Information related to Manitoba Education and Training curriculum implementation initiatives will be communicated to school divisions/districts through the K-S4 E-mail Updates service concurrent with the release of the framework. You can subscribe for this service at <http://www3.edu.gov.mb.ca/ss/user/index.html> or at the Coup d'œil sur l'année at <http://www.edu.gov.mb.ca/manetfr/m-s4/coup/index.html>.

See the physical education/health education web site at <http://www.edu.gov.mb.ca/k12/cur/physhlth/> or the éducation physique/éducation à la santé web site at <http://www.edu.gov.mb.ca/m12/progetu/epes/index.html> (Français program - French Immersion program).

**Learning Resources for Physical Education/Health Education**

**English Program:**

A call for learning resources will be issued concurrent with the release of the physical education/health education framework. Once curriculum-matched learning resources are identified subsequent to a Manitoba review, annotated bibliographies of recommended learning resources will be released and made available through the Manitoba Text Book Bureau.

**French Immersion Program and Français Program:**

A list of learning resources will be evaluated by Manitoba physical education/health education teachers and will be included in the foundation for implementation documents to be developed.

**Contacts:**

**English Program**

**Physical Education/Health Education**

Heather Willoughby

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**French Immersion and Français Programs**

**Éducation physique/Éducation à la santé**

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## The Arts/Les arts

Curriculum development for The Arts/Les arts is scheduled to occur in future years as operating and staffing resources become available. At present, the Department is collaborating with the Department of Culture, Heritage and Tourism to extend and strengthen arts education in the province.

Until further notice, schools should continue to use existing curricula for the arts.

### Contacts:

#### English Program

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#### French Immersion and Français Programs

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## Basic French/Français de base

See the list of Basic French curriculum documents below. The list includes the Manitoba Text Book Bureau catalogue numbers to facilitate ordering. As new curricula are released, they will replace existing curricula. These changes will be reflected in the listing.

Basic French curriculum documents		
Basic French	Curriculum Document	MTBB Catalogue No.
9 year program	Français de base – Programme d'études de la 4 <sup>e</sup> à la 6 <sup>e</sup> année	91707
	Français de base – Programme d'études 7 <sup>e</sup> et 8 <sup>e</sup> années	91708
	Français de base des années S1 à S4	91699

### Basic French/Français de base Implementation Initiatives: Coup d'œil sur l'année

Regional in-service sessions to support implementation of the above developed curricula are scheduled for Fall 2000 and Winter 2001. Please refer to the Coup d'œil sur l'année web site at <http://www.edu.gov.mb.ca/manetfr/m-s4/coup/index.html> for details.

### Learning Resources for Basic French/Français de base

Curriculum-matched learning resources for Basic French have been identified. The results are contained in the respective Foundation for Implementation documents. Refer to the Manitoba Text Book Bureau catalogue for ordering information.

### Independent Study Program (ISP) Courses for Basic French/ Français de base

The Department develops curriculum-matched Independent Study Program (ISP) courses for distance education delivery. For a listing of currently available courses for Basic French, refer to the *Distance Delivery Unit: A Handbook for Distance Delivery Unit Clients*, online at <http://www.edu.gov.mb.ca/k12/dl/index.html>.

### Contacts:

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## **Senior Years Technology Education/Programme d'études technologiques du secondaire**

Curriculum development for the Senior Years Technology Education Program is scheduled to occur within the next several years as operating and staffing resources are allocated.

**Contacts:**

**Senior Years Technology Education Program (English)**

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**Senior Years Technology Education Program (French Immersion and Français)**

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**English Program Business and Marketing Education**

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**French Immersion and Français Programs**

**Sciences commerciales, Vie et carrières**

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## Languages Other than French and English

Manitoba Education and Training is participating in Western Canadian Protocol (WCP) projects to develop frameworks of outcomes for Aboriginal Language and Culture Programs, International Languages, and Bilingual Heritage Languages. Subsequent WCP or Manitoba development of additional language-specific documents related to these frameworks is under consideration.

A languages web site will be available soon at <http://www.edu.gov.mb.ca/k12/cur/languages/>.

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