

**EDUCATIONAL CHANGE UPDATE
JUNE 1999**

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June 1999 Standards Testing Schedule – Grade 3 and Grade 6

Grade Level and Subject Area	1999		2000		2001		2002		2003		2004		2005		2006		2007		2008	
	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun
Grade 3 ELA/English LA- Immersion, Français/ Français-Immersion		●		●		●		●		●		●		●		●		●		●
Grade 3 Mathematics/ Mathématiques		●		●		●		●		●		●		●		●		●		●
Grade 6 ELA/English LA- Immersion, Anglais **		●																		
Grade 6 Français/ Français-Immersion **				◆																
Grade 6 Mathematics/ Mathématiques **				◆																
Grade 6 Social Studies/ Sciences humaines*																				
Grade 6 Science/ Sciences de la nature								◆		●		●		●		●		●		●

Key

- Indicates when standards tests will be administered system wide.
- ◆ Indicates when system-wide pilot standards tests will be administered.

* Implementation of standards testing in Social Studies/Sciences humaines is contingent upon the release of the Western Canadian Protocol *The Common Curriculum Framework for Social Studies, Kindergarten to Grade 12/Le cadre commun des résultats d'apprentissage en sciences humaines: Maternelle à la 12e année* and subsequent development of Manitoba curriculum frameworks of outcomes and standards. Further information regarding Social Studies/Sciences humaines will be communicated as WCP work progresses.

** Beyond the 1999-00 school year, no standards testing dates are included for standards tests to be administered in Grade 6 English Language Arts, English LA-Immersion, Anglais, Français/Français-Immersion, and Grade 6 Mathematics/Mathématiques. Further information related to the standards testing schedule for 2000-01 and beyond will be communicated in the 1999-00 school year.

June 1999 Standards Testing Schedule – Senior 1 and Senior 4

Grade Level and Subject Area	1999		2000		2001		2002		2003		2004		2005		2006		2007		2008	
	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun	Jan	Jun
Senior 1 Mathematics/ Mathématiques **	●	●																		
Senior 1 ELA/English LA- Immersion, Anglais **			◆	◆																
Senior 1 Français/ Français- Immersion **																				
Senior 1 Science/ Sciences de la nature **																				
Senior 1 Social Studies/ Sciences humaines *																				
Senior 4 Mathematics/ Mathématiques	■	■	■	■	◆	◆	◆	◆	●	●	●	●	●	●	●	●	●	●	●	●
Senior 4 ELA/English LA— Immersion, Anglais, Français/ Français— Immersion	■	■	■	■	◆	◆	◆	◆	●	●	●	●	●	●	●	●	●	●	●	●

Key

- Indicates when standards tests will be administered system wide.
- Indicates that until standards tests begin, provincial examinations will be administered. (Provincial examinations are administered in English Language Arts, Français, and Mathematics/Mathématiques.)
- ◆ Indicates when system-wide pilot standards tests will be administered.

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** Beyond the 1999-00 school year, no standards testing dates are included for standards tests to be administered in Senior 1 Mathematics/Mathématiques, Senior 1 English Language Arts, English LA-Immersion, Anglais, Français/Français-Immersion, and Senior 1 Science/Sciences de la nature. Further information related to the standards testing schedule for 2000-01 and beyond will be communicated in the 1999-00 school year.

(40S) may be used to meet Senior 4 English language arts compulsory core graduation requirements for students meeting graduation requirements within the Senior Years Technology Education Program.

6. Refer to the March 1999 letter from Pat MacDonald, Director, Program Development Branch to schools re: *Senior Years Curriculum Implementation: English Language Arts, Mathematics, Science, and Social Studies* for additional details on new Senior 3 and Senior 4 English language arts curricula.

C. New Curricula for Senior Years Mathematics

1. New mathematics curricula, *Senior 3 Applied Mathematics (30S)*, *Senior 3 Consumer Mathematics (30S)*, and *Senior 3 Pre-Calculus Mathematics (30S)*, have been released for system-wide implementation in the 1999-00 school year. Schools may implement *Senior 4 Applied Mathematics (40S)*, *Senior 4 Consumer Mathematics (40S)*, and *Senior 4 Pre-Calculus Mathematics (40S)* on a voluntary basis in 1999-00. Draft copies of Senior 4 mathematics documents will be sent to schools in August 1999.
2. Revision of *Senior 3 Accounting Principles (30S)* has been completed for Fall 1999 implementation. A revised *Senior 4 Accounting Systems (40S)* will be released prior to the 2000-01 school year. *Senior 3 Accounting Principles* and *Senior 4 Accounting Systems* can be used to meet compulsory core graduation requirements for Senior 3 and Senior 4 mathematics credits. **A standards test will not be administered for *Senior 4 Accounting Systems (40S)* when it is implemented system-wide. Year end/semester end student evaluation will be a school responsibility.**
3. Regional inservice sessions to support implementation of Senior 3 mathematics and accounting are scheduled for Fall 1999 and Winter 2000. See the Year at a Glance (YAG) calendar distributed in April 1999, or visit the YAG web site at <http://www.edu.gov.mb.ca/metks4/profdev/yag/> for details.

2. Standards Test Requirements for *Senior 1 Mathematics (10F) Choice I and Choice II*

All Senior 1 students completing *Senior 1 Mathematics (10F)* in a semester/school year in which standards tests in mathematics are administered, are required to write a standards test. There will be two forms of the test, based on the student learning outcomes and standards that comprise *Choice I* and *Choice II*. Students will use the standards test form that applies either to *Choice I* or *Choice II*. Students who complete the entire eleven units that comprise *Senior 1 Mathematics (10F)* will be assessed at the local level on the two units not included in the standards test they write.

3. Transition to Senior 2 Mathematics

Students completing *Senior 1 Mathematics (10F) Choice I* as their compulsory core credit are prepared for the full range of Senior 2 mathematics curricula: *Senior 2 Applied (20S)*, *Consumer (20S)*, and/or *Pre-Calculus Mathematics (20S)*. However, students completing *Senior 1 Mathematics (10F) Choice II* as their compulsory core credit are best prepared for success in *Senior 2 Consumer Mathematics (20S)*. Students completing *Choice II* who decide to enrol in either *Senior 2 Applied Mathematics (20S)* or *Senior 2 Pre-Calculus Mathematics (20S)* would require additional work on student learning outcomes in *Senior 1 Mathematics (10F)* Units H and I to transition successfully to these Senior 2 courses.

4. Senior 1 Transitional Mathematics

- (a) In addition to the implementation strategy that provides students with a choice of two units for *Senior 1 Mathematics (10F)*, Manitoba Education and Training is developing a *Senior 1 Transitional Mathematics (15F)* curriculum, comprising two half credits. Its purpose is to address gaps in students' mathematical understandings as they transition from Grade 8 to Senior 1 mathematics.
- (b) *Senior 1 Transitional Mathematics (15F)* will allow students to earn optional supplementary or compulsory complementary credit(s) within the Senior Years graduation requirements. Depending on local scheduling choices, students will be able to take *Senior 1 Transitional Mathematics (15F)*
 - in Grade 8 (and carry the credit forward to Senior 1)
 - in a semestered school, in the first semester prior to the Senior 1 compulsory core course
 - in a non-semestered school, simultaneously with the Senior 1 compulsory core course

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 - in Grade 8 (and carry the credit forward to Senior 1)
 - in a semestered school, in the first semester prior to the Senior 1 compulsory core course
 - in a non-semestered school, simultaneously with the Senior 1 compulsory core course

- (c) No standards test will be administered for *Senior 1 Transitional Mathematics (15F)*. *Senior 1 Mathematics (10F)* will remain as the compulsory core credit for Senior 1 mathematics, and the standards test for Senior 1 mathematics will be curriculum-matched to *Senior 1 Mathematics (10F)*, as described in #2 above.
- (d) A draft curriculum document, comprising two half credits, will be available for piloting and/or voluntary implementation in the 1999-00 school year. Based on feedback obtained during the 1999-00 school year, *Senior 1 Transitional Mathematics (15F)* will be finalized for system-wide implementation in 2000-01.
- (e) All schools offering Senior 1 will receive one copy of the pilot curriculum document(s), *Senior 1 Transitional Mathematics (15F)*, in August 1999 in order to support school division/district efforts at piloting and voluntary implementation.
- (f) Regional inservice sessions to support implementation of *Senior 1 Transitional Mathematics (15F)* are scheduled for Fall 1999 and Winter 2000. See the Year at a Glance (YAG) calendar distributed in April 1999, or visit the YAG web site at <http://www.edu.gov.mb.ca/metks4/profdev/yag/> for details.

G. Summary Charts - Curriculum Implementation

For summary charts related to curriculum implementation for English language arts, mathematics, and science, please refer to the following pages:

- Kindergarten to Grade 8 English Language Arts, Mathematics, and Science, page 18
- Senior Years Mathematics, page 19
- Senior Years English Language Arts, page 20
- Senior Years Science (including Senior 2 to 4 Science Transitional curricula), page 26

this goal in mind, the Department will base its development of curricula for Senior 1 to 4 science on the following approach:

- There will be one science curriculum for Senior 1 and one science curriculum for Senior 2 to ensure the same level of scientific literacy for all students up to the end of Senior 2 (the last year science is required as a compulsory core credit for graduation). Development of the *Senior 2 Science (20F)* curriculum will begin in the 1999-00 school year.
- Integrated Science curricula at Senior 3 and 4 will blend the traditional discipline areas of Biology, Chemistry, Physics, and Earth/Space Science. They will be designed to develop scientific literacy in students by examining science from a Science-Technology-Society-Environment, or issues-based perspective. These curricula will be designed to provide valid academic alternatives for those students not pursuing post-secondary science, and to satisfy entrance requirements for specific post-secondary faculties, departments, and workplaces.
- As well, Senior 3 and 4 science curricula will be developed in the traditional discipline areas referenced above.
- In recognition of the limitations that small schools face in offering all science options to students, distance education courses will be developed.

Manitoba Senior Years Science Curricula			
Senior 1	Senior 2	Senior 3 ***	Senior 4 ***
* Science (10F)	*Science (20F)	** Chemistry (30S) ** Physics (30S) ** Biology (30S) ** Earth/Space Science (30S) **Integrated Science (30S)	** Chemistry (40S) **Physics (40S) **Biology (40S) **Earth/Space Science (40S) **Integrated Science (40S)
* Compulsory Core ** Compulsory Complementary/Optional Supplementary *** titles are working titles still to be finalized			

Implementation of Senior Years Science Curricula and Standards

- (a) In recognition of the immediate need for updated Senior Years science curricula, the Department released the Senior 2 to 4 science curricula developed over the past four years as transitional curricula for optional implementation beginning in the 1998-99 school year. Seven transitional curricula are available for optional implementation in the 1999-00 school year: *Senior 2 Science (20S)*, *Senior 3 and 4 Biology (30S/40S)*, *Senior 3 and 4 Chemistry (30S/40S)*, and *Senior 3 and 4 Physics (30S/40S)*. Schools may also continue to implement existing science curricula for Senior 2 to Senior 4.
- (b) For information on implementation of transitional curricula for science, please refer to the question and answer section in Attachment 1 of the April 1998 *Educational Chance Update* (also available online at <http://www.edu.gov.mb.ca/metks4/updates/edchange98/attach1.html>).
- (c) Please refer to page 26 for Senior 1 to 4 science implementation time lines.
- (d) See the science web site at <http://www.edu.gov.mb.ca/metks4/curricul/k-s4curr/science/> for regular updates on Senior Years science.

Senior 1 to Senior 4 Science					
	1999-00	2000-01	2001-02	2002-03	2003-04
Senior 1 Science Framework of Outcomes & Senior 1 Standards	Continue use of existing curriculum	Full system-wide implementation of new Senior 1 Science curriculum begins in 2000-01; discontinue use of existing Senior 1 curriculum			
Senior 2 Science Framework of Outcomes	Option 1: Continue use of existing curricula	Full system-wide implementation of new Senior 2 Science curriculum begins in 2001-02; discontinue use of existing Senior 2 curricula and/or Senior 2 Science transitional curriculum			
	Option 2: Full-scale implementation of Senior 2 Science transitional curriculum				
	Option 3: Phased-in implementation of Senior 2 Science transitional curriculum				
Senior 3 Science Framework of Outcomes	Option 1: Continue use of existing curricula	Full system-wide implementation of new Senior 3 Science curricula begins in 2002-03; discontinue use of existing Senior 3 curricula and/or Senior 3 Biology/Chemistry/Physics (30S/30S/30S) transitional curricula			
	Option 2: Full-scale implementation of Senior 3 Biology/Chemistry/Physics (30S/30S/30S) transitional curricula				
	Option 3: Phase-in implementation of Senior 3 Biology/Chemistry/Physics (30S/30S/30S) transitional curricula				
Senior 4 Science Framework of Outcomes	Option 1: Continue use of existing curricula	Full system-wide implementation of new Senior 4 Science curricula begins in 2003-04 (Refer to table on p. 25); discontinue use of existing Senior 4 curricula and/or Senior 4 Biology/Chemistry/Physics (40S/40S/40S) transitional curricula			
	Option 2: Full-scale implementation of Senior 4 Biology/Chemistry/Physics (40S/40S/40S) transitional curricula				
	Option 3: Phase-in implementation of Senior 4 Biology/Chemistry/Physics (40S/40S/40S) transitional curricula				

J. Social Studies

1. Extension of Implementation Time Lines for Social Studies

- (a) Curriculum frameworks for social studies were previously scheduled for implementation during the 1997-98 school year. The April 1998 *Educational Change Update* scheduled social studies standards tests for Grade 6 in June 2001 and for Senior 1 in January/June 2001, dependent upon the release of Manitoba curriculum frameworks.
- (b) Time lines for implementation of social studies frameworks and standards tests have been extended in order to align Manitoba curriculum development with the Western Canadian Protocol Social Studies Project. As an interim measure, until new Manitoba social studies curricula are developed, the Department will provide an updated online version of the *Social Studies Overview Kindergarten to Grade 12* (1985). Learning resources will be reviewed subsequently to match the updated *Overview*.
- (c) Until further notice, however, schools are to continue to use existing curricula for Kindergarten to Senior 4 social studies.
- (d) As indicated in a ministerial letter to school divisions in December 1997, Senior 3 Social Studies (Canadian History) will continue as a compulsory core requirement, even after the release of the new social studies curriculum. In the English Program, this requirement alters the configuration of credits for compulsory core and compulsory complementary subject areas, but does not change the number of credits students can earn for optional supplementary courses. Please refer to the chart on page 20 of the April 1998 *Educational Change Update* which details revised graduation requirements for the English Program (also available online at <http://www.edu.gov.mb.ca/metks4/updates/edchange98/gradreq.html>). There is no change to the credit requirements for the Senior Years Technology Education Program.

2. Learning Resources for Social Studies

- (a) To ensure that current learning resources are available to Manitoba schools for implementation of the existing social studies curriculum, a team of teacher-evaluators reviewed social studies learning resources for several grades in July 1998. The results of the review are contained in *Grade 3, Grade 4, Grade 7, Senior 2 Social Studies Learning Resources: Annotated Bibliography* (1998). This bibliography was distributed to schools in December, 1998. New listings also are included in the 1999-00 *Manitoba Text Book Bureau Catalogue* and online at <http://www.edu.gov.mb.ca/metks4/curricul/learnres/mtbb/>.
- (b) Additional reviews of learning resources will be initiated, once updating of the *Social Studies Overview Kindergarten to Grade 12* is complete.

Implementation of K-S2 Physical Education/Health Education Curricula

99-00	00-01	01-02	02-03	03-04	04-05
K-4 Planning Year for Schools	K-4 Voluntary Implementation		K-4 System-wide Implementation		
	5-8 Planning Year for Schools	5-8 Voluntary Implementation		5-8 System-wide Implementation	
		S1-S2 Planning Year for Schools	S1-S2 Voluntary Implementation	S1-S2 System-wide Implementation	

3. Information related to regional Year at a Glance inservice sessions will be communicated to school divisions/districts in Fall 1999.
4. See the physical education/health education web site at <http://www.edu.gov.mb.ca/metks4/curricul/k-s4curr/physhlth/> for regular updates.

L. The Arts

1. Curriculum development for the arts will be initiated during the 1999-00 school year. New curricula will reflect the distinct nature of each of four strands: music, visual arts, dance, and drama. Additional information regarding the implementation schedule will be communicated in future educational change updates. Until further notice, schools should continue to use existing curricula for the arts.
2. A recent curriculum document, *Senior 1 to 4 Jazz Band/Vocal Jazz*, (1998) is available from Program Development Branch at (204) 945-3567 fax (204) 945-5060.
3. See The Arts web site at <http://www.edu.gov.mb.ca/metks4/curricul/k-s4curr/arts/> for regular updates.

M. Senior Years Technology Education

1. Curriculum development for Senior Years Technology Education is scheduled to occur within the next several years as operating and staffing resources are allocated to this educational renewal priority.
2. A Senior Years Technology Education web site will be available shortly at <http://www.edu.gov.mb.ca/metks4/curricul/k-s4curr/teched/>.

P. Support/Policy Documents

1. Senior 1 to Senior 4 Locally Developed/Acquired Departmentally Approved Curricula

Senior 1 to Senior 4 Locally Developed/Acquired Departmentally Approved Curricula: A Handbook for School Divisions/Districts is scheduled for release in 1999-00.

2. Mature Student Senior Years Graduation Requirements

- (a) New requirements for Mature Student Senior Years Graduation have been established.
- (b) Information related to these requirements is to be found in *Senior 1 to Senior 4 Mature Student Graduation Requirements: A Handbook for School Divisions/Districts* (1999), which was provided to schools in February 1999.
- (c) A letter related to corrections to the document was distributed in June 1999.
- (d) Information related to *Senior 1 to Senior 4 Mature Student Graduation Requirements* is available online at <http://www.edu.gov.mb.ca/metks4/parent/gradreq/mature.html>.

3. School-initiated Courses and Student-initiated Projects (Senior 1 to 4)

The March 22, 1996 *Educational Change Update* introduced the phasing in of new requirements for School-initiated Courses (SICs) and Student-initiated Projects (SIPs). Attachment B (page 2 of 3) of that letter indicated that “beginning in September 1998, the **New Directions**’ graduation requirements for SICs (maximum of 4 credits) and SIPs (maximum of 2 credits) will apply to all students entering Senior 1.”

Increase in Allowable SIC Credits

- (a) To provide greater flexibility for course choices available to students, the Department has increased the maximum number of School-initiated Course (SIC) credits allowable in the calculation of a student’s Senior Years graduation requirements. Instead of limiting Senior Years SIC credits to four (4) as announced previously, a student will be able to graduate with up to eight (8) School-initiated Course credits. This change applies retroactively to all students who entered Senior 1 in September 1998, as well as to those who enter in September 1999 and subsequently.
- (b) The limit of two (2) Student-initiated Projects (SIPs) remains unchanged from that announced in the document, *Locally Developed Curricula: School-initiated Courses and Student-initiated Projects, A Handbook for Senior Years Schools* (1995).
- (c) Detailed charts are presented on pages 39 to 43 outlining the various types of curricula schools can use to meet credit requirements within each of the four school programs. These charts have been updated to reflect the above change.
- (d) For students who entered Senior 1 prior to September 1998, the number of SIC and

SIP credits allowable in the calculation of a student's Senior Years graduation credit requirements remains unchanged from those announced in the April 1998 *Educational Change Update* (page 53).

- (e) There is no change to the number of allowable SIC credits within the Senior 1 to 4 Mature Student Graduation Requirements released in February 1999.

Simplified SIC and SIP Registration Procedures

- (a) As SICs and SIPs are submitted to the Department for the 1999-2000 school year, those that meet the criteria as outlined in *Locally Developed Curricula: School-initiated Courses and Student-initiated Projects: A Handbook for Senior Years* (1995) and in educational change updates can be considered as registered upon submission. This change in registration procedure will enable schools to timetable and staff, as well as to assign credits to students upon successful completion of SIC/SIP course work.
- (b) If you have submitted a SIC or SIP previously and it has been registered with no request for revisions, improvements, or updating, you can meet the requirement for registering the SIC or SIP each year by:
- resubmitting the course outline with a completed registration form; or
 - submitting a completed registration form with a notation that the course outline is unchanged; or
 - telephoning the information required on the registration form to Ina Lynn at 1-204-945-0254 (1-800-282-8069, ext. 0254) and indicating that the course outline is unchanged from the previous year; or
 - e-mailing the above information to Ina Lynn at ilynn@edu.gov.mb.ca.
- (c) If you have not submitted a SIC or SIP previously, or if you have been requested by the Department (in its response to an earlier submission) to make revisions, improvements, or updates to a course outline submitted previously, please submit a completed registration form and an accompanying course outline.

Blank registration forms (samples attached) are available at <http://www.edu.gov.mb.ca/metks4/docs/support/ldc/form1.html> (SIC) and <http://www.edu.gov.mb.ca/metks4/docs/support/ldc/form2.html> (SIP).

- (d) School divisions/districts are responsible for approving SICs and SIPs, and the Department is responsible for registering SICs and SIPs. The Department can refuse to register a SIC or SIP that does not meet the requirements of Departmental policy. The requirements upon which divisional approval must be based are set out in *Locally Developed Curricula: School-initiated Courses and Student-initiated Projects: A Handbook for Senior Years Schools* (1995) (available online at <http://www.edu.gov.mb.ca/metks4/docs/support/ldc/>) and in educational change updates. If you require support in meeting these requirements, please contact Dennis Lucas at 1-204-945-7964 (1-800-282-8069, ext. 7964).
- (e) As part of the registration process, school divisions/districts will receive correspondence from the Department in response to each SIC or SIP submitted. This correspondence will

provide you with the necessary reporting information (i.e., course designations, computer codes, etc.). As well, where appropriate, you will be provided with feedback on submissions to ensure you have information on which to base improvements.

- (f) In order to support you in the area of continuing SIC problem areas, please see Attachment 1.
- (g) For further information, contact Dennis Lucas, Consultant, Program Development Branch, Program, Policy and Learning Resources Unit, W320-1970 Ness Avenue, Winnipeg, Manitoba, R3J 0Y9, telephone (204) 945-7964, fax (204) 945-1254, toll free 1-800-282-8069, extension 7964 or e-mail dlucas@edu.gov.mb.ca.
- (h) Manitoba Education and Training hopes that the simplified procedures described above will address your needs as they relate to the vast majority of SIC/SIP submissions for the 1999-00 school year, and that we can be supportive with those in the problem areas described in Attachment 1. As we work together to prepare for SICs and SIPs in the 2000-2001 school year and beyond, your feedback related to SIC/SIP policy and submission procedures (as described in the 1995 document and educational change updates) is essential. Please contact Patricia A. MacDonald directly by telephone, fax, or e-mail (pmacdonald@edu.gov.mb.ca) to share your ideas. By working together, we can achieve improved programming for Manitoba students.
- (i) Frequently asked questions and answers related to SIC/SIP implementation appear in Attachment 2 of the April 1998 *Educational Change Update* (available online at <http://www.edu.gov.mb.ca/metks4/edchange98/attach2.html>).
- (j) *Locally Developed Curricula: School-initiated Courses and Student-initiated Projects: A Handbook for Senior Years Schools* (1995) and educational change updates are available online at <http://www.edu.gov.mb.ca/metks4/docs/support/ldc/> and <http://www.edu.gov.mb.ca/metks4/updates/> respectively.