

MATH 10F 2021-22

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Ste. Rose School

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Rationale:

The main goals of mathematics education are to prepare students to: solve problems, communicate and reason mathematically, make connections between mathematics and its applications, become mathematically literate, appreciate and value mathematics, make informed decisions as contributors to society (Mb Education and Training. Math Frameworks, 2009). Math 10F will have four sections (please see course breakdown) and will be assessed using the provincial report card breakdown of knowledge and understanding, mental math and estimation and problem solving. Assessments will be formative and summative throughout the course.

Course Material: MathLinks 9 (text), calculator, binder and/or notebook, pencils, laptop, TEAMS

Course Breakdown:

Full document can be found at: https://www.edu.gov.mb.ca/k12/cur/math/framework_9-12/index.html

Unit One: Number Sense (completion by Mid November)

-powers -exponents -whole number -order of operations
-rational numbers -adding, subtracting, dividing, multiplying rational numbers

Unit Two: Patterns and Relations (completion by mid February)

-graphing -linear relations -polynomials -adding/subtracting polynomials
-multiplying/dividing polynomials -liner equations

Unit Three: Shape and Space (completion by mid March)

-properties of a circle -angles of a circle -scale -similar polygons and triangles
-square roots -surface areas

Unit Four: Statistics and Probability (completion by end of May)

-probability -collecting data -samples/populations

Classroom Policies:

Ste. Rose School Handbook outlines the expectations in regards to academic dishonesty, attendance and the use of technology. If at any time you are unsure about an assignment's completion or purpose it is the student's responsibility to ask for clarification. As assignment is due on the due date. Students who are unable to meet that due date must make arrangements with the teacher or take an incomplete. Teachers will use their discretion based on circumstances to make their final decision in regards too incomplete assignments. An incomplete will result in a mark of zero. All devices will be handed in or put in the student's locker at the beginning of class. The teacher will determine the use of devices in the classroom. Students who are late for class will wait at the door. The teacher will determine if they will be allowed into the classroom and when.

Assessment Procedures and Mark Breakdown:

Students will complete various types of formative assessment (games, exit slips, practice tests, homework, etc) for practice and diagnostic purposes. Students are expected to complete formative assessments. There will be approximately 11-13 summative assessments that are outcome based. All grades are shown as a percentage. A divisional final exam will be used to calculate student’s final grade. Summative assessments and final exam will be used to calculate a grade.

Summative Assessments	70%
Final Exam	30%

All students will be given a portal access code. All parents are encouraged to get their own portal access to follow their child’s progress. Please contact Ste. Rose School office to set up a portal code.

All course outlines will be given to students within the first week of classes. Course outline will be posted on the Ste. Rose School website. A course outlines will be emailed to parents as soon as possible.

