

Mrs. Dupre's Grade 8 Math 2024-2025

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Ste. Rose School

Course Description:

The main goals of grade 8 mathematics education are to prepare students to;

- communicate and reason mathematically
- use mathematics confidently, accurately, and efficiently to solve problems
- appreciate and value mathematics
- make connections between mathematical knowledge and skills and their applications
- commit themselves to lifelong learning
- become mathematically literate citizens, using mathematics to contribute to society and to think critically about the world

Course Breakdown: also see

https://www.edu.gov.mb.ca/k12/cur/math/outcomes/gr8_outcomes.pdf

Students in the Grade 8 Mathematics Course will follow the Manitoba Rural Learning Consortium (MRLC) Pacing Guide in order to cover all four strands of the Mathematics Course for the grade 8 level.

1. Number Sense - divisibility rules -adding, subtracting multiplying and dividing decimals - adding and subtracting fractions and mixed numbers -Integers -compare and order fractions
2. Patterns and Relations - linear equation -table of values -expressions and equations
3. Shape and Space Measurement- radius, diameter, area, and circumference of circles -area of triangles and parallelograms -2-D Shapes -Transformations (position and motion of objects and shapes) - Cartesian plans and ordered pairs
4. Stats and Probability - Critique ways in which data are presented. (Compare the information that is provided for the same data set by a set of graphs, such as circle graphs, line graphs, bar graphs, double bar graphs, or pictographs, to determine the strengths and limitations of each graph.) Solve problems involving the probability of independent events.

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Classroom Expectations

- Arrive on time and be prepared to learn, work hard and have fun.
- Complete all homework assignments. Homework will be assigned when students are not able to complete their assignments in class or if students are absent.
- Following the deadline of any assignment, the student's mark will be recorded as zero. Upon completion of the assignment, it will be graded and recorded. At reporting periods, a final deadline will be given for the evaluations to take effect on the report card for that reporting period.
- If you are absent (due to illness) or know you will be absent (due to a field trip or for personal reasons), it is your responsibility to catch up. If you are absent on the day of a test, it is your responsibility to arrange a time to write the test on another date. This should be done immediately on your return to school.
- Plagiarism will not be tolerated and any student found to have plagiarized work will receive a mark of zero until the assignment is redone. Any plagiarism will result in a conversation with the student, classroom teacher, parents/guardians, and possibly administration.
- Extra Help – If students need extra help, I am available and lunch hour, and arrangements can also be made before and after school.
- Know and abide by the code of conduct (available in the student handbook).

Cellphone Policy:

Students are not allowed to have their phones at any time during class.

Late Policy:

You will be considered late if you are 10 minutes late for your lesson.

Assessment Breakdown:

100%.... Summative Assessment

** Students will receive a variety of assignments designated for assessment. These will include (but are not limited to) written, verbal, and group assignments. Students will be marked on an overall percentage based off of the weighted value of each assignment**

** Students will be given an overall percentage and a value on a scale of 1-4 based on the different curriculum expectations. **

Plagiarism/Cheating Policy:

Ste. Rose School Handbook outlines the expectations in regards to academic dishonesty (If at any time you are unsure about an assignment it is the student's responsibility to ask for clarification), attendance and the use of technology.

Required Materials:

- Binder
- Loose Leaf
- Pencils/Pens (both red and blue)