Standards and Procedures
2023-2024

Subject & Grade Level:	Math 226
Teacher:	Steven Robertson
School Year:	2023 - 2024

Message to Parents:

The successful study of high school mathematics requires both a high-level of focus in class, as well as a strong student commitment to studying and completing each and every assignment.

Important Reporting Dates:

Progress Report: October 16

Term 1 - Parent/Teacher interview: November 23, 2023

Term 2 - Parent/Teacher interview: February 22, 2024

Term 3 - Available online by June 25, 2024

Teacher Methods of Communication:

EMSB email / Phone call by request
Homework website: https://sites.google.com/view/facehighschool309/home

Term 1 - 20% of School Grade			
Competency Evaluated: Mathematical Reasoning			
Evaluation Methods/Tools	**Topic / Skill Evaluated**	**Timeline / Frequency of Evaluations**	**Weight of Evaluation**
1. Test evaluations	(See course content)	Weekly / regularly	80 %
2. Assignments	(See course content)	Daily / regularly	20 %

Term 2 - 20% of School Grade

Midyear Exam: Mid-year Exam in January (30%)

Competency Evaluated: Mathematical Reasoning

Evaluation Methods/Tools	Topic / Skill Evaluated	Timeline / Frequency of Evaluations	Weight of Evaluation
1. Test evaluations	(See course content)	Weekly / regularly	50 %
2. Assignments	(See course content)	Daily / regularly	20 %

Term 3 - 60% of School Grade

Final Exams: 2 Final EMSB June Exams: C1 - Solves a Situational Problem

                                                        C2 - Mathematical Reasoning

Competency Evaluated: Mathematical Reasoning

Evaluation Methods/Tools	Topic / Skill Evaluated	Timeline / Frequency of Evaluations	Weight of Evaluation
1. Test evaluations	(See course content)	Weekly / regularly	60%
2. Assignments	(See course content)	Daily / regularly	10%
3. Final C2 Exam	All topics learned	June 2024	30%

Competency Evaluated: Solves a Situational Problem

Evaluation Methods/Tools	Topic / Skill Evaluated	Timeline / Frequency of Evaluations	Weight of Evaluation
1. Test evaluations	All topics learned	Occasionally	70%
2. Final C1 Exam	All topics learned	June 2024	30%

Late work policy:

Assignments are expected to be completed on time. Late assignments will be accepted with a valid reason. Mark deductions are possible for non-justified late assignments.

Topic 1 – Representation of a situation
- Types of representations of a situation
- Representation of a situation by a graph
- Minimum and maximum values
- Switching from one type of representation to another

Topic 2 – Ratios and Proportions
- Rate and unit rate
- Ratios and equivalent rates
- Comparison of ratios and rates
- Proportion and proportional situations
- Ratio of proportionality

- Solving a proportional situation
- Percentage of a number
- Calculating the one hundred per cent

Topic 3 – Algebraic expressions
- Term/coefficient/like terms
- Constructing an algebraic expression
- Algebraic expressions - addition/subtraction
- Monomials and degree of a monomial
- Algebraic expressions - multiplication/division

Topic 4 – Solving equations
- Equation
- Solving equations
- Equivalent equations
- Transforming arithmetic equalities
- Rules for transforming equations
- Solving equations using the balancing equalities method

Topic 5 –Similar Figures
- Similar figures
- Ratio of similarity

Topic 6 – Regular Polygons
- Classification of polygons
- Sum of angles of a polygon
- Apothem of a regular polygon
- Area of a regular polygon and a decomposable polygon

Topic 7 - Circle
- Circle
- Circumference
- Central angle
- Arc of a circle
- Disk/sector

Topic 8 - Solids
- Prisms and pyramids

- Height
- Apothem of a regular pyramid
- Area of bases, lateral area and total area of a prism and pyramid
- Right circular cylinder
- Lateral or total area of a cylinder
- Area of a decomposable solid
- Finding unknown measurements

Topic 9 - Probability
- Random experiment
- Enumerating
- Experimental and theoretical probability
- Events and types of events
- Probability of an event
- Complementary events
- Compatible and incompatible events
- Random experiments with or without replacement
- Dependent and independent events
- Random experiments with or without order

Topic 10 – Statistics
- Qualitative, discrete and continuous quantitative variables
- Reading bar graphs, broken-line graphs and circle graphs
- Distribution table: frequencies and relative frequencies
- Constructing graphs: circle graph