

Math 8 Course Outline

Course Rationale:

Mathematics is not a series of steps, but an understanding of how concepts come to be. According to ministry standards, mathematics requires that students are able to communicate, demonstrate and evaluate their understanding in a variety of ways; including concretely, pictorially and symbolically.

Topics of the course:

- Chapter 1: Representing Data
- Chapter 2: Rates, Ratios and Proportional Reasoning
- Chapter 3: Pythagorean Relationship
- Chapter 4: Understanding Percent
- Chapter 5: Surface Area
- Chapter 6: Fractions
- Chapter 7: Volume
- Chapter 8: Integers
- Chapter 9: Linear Relations
- Chapter 10: Solving Linear Equations
- Chapter 11: Probability
- Chapter 12: Tessellations

Course Evaluation:

Assessment and Evaluation:

Assessment refers to the process of assessing the student's knowledge of the curriculum. Evaluation involves checking the student's knowledge of the curriculum content.

Formative assessment provides information for the teacher, student, and parent about the student's process of learning. Formative marks are not reflected in the student's grade. Formative assessment is intended to show the progression throughout the course.

Summative assessment (evaluation) provides information for the teacher, student, and parent about what the student has learned. Summative marks constitute the students' end mark.

*Formative Assessment is the Journey
Summative Assessment is the Destination*