Course: Mathematics 8
Course Format: Online

Description: Math 8 is an entry-level course taken by all students.

Content Learning Standards:

- Number: represents, describes, and compares the quantities of ratios, rates, percentages, perfect squares, square roots and cube roots.
- Computational Fluency and Flexibility: extend to operations with fractions and proportional reasoning.
- Patterning: Discrete linear relationships can be represented in many ways and used to identify and make generalizations. This can include writing and evaluating expressions and solving algebra equations.
- Geometry and Measurement: Pythagorean theorem; solving problems involving surface area and volume of 3D objects including construction of 3D nets.
- Data and Probability: central tendency; experimental probability; financial literacy.
- Focus on problem solving
- Financial literacy: best buys. Regardless of the course selections made by students, there is a common experience in Mathematics that includes financial literacy
- First Peoples perspectives are reflected throughout the learning standards

Curricular Competency Development Leaning Standards:

- Reasoning and modelling
- Understanding and solving
- Communicating and representing
- Connecting and reflecting

Recommended Prerequisite: Mathematics 7
Resources: Online course materials