

## MATHEMATICS 9

**Credits: 4**

**Curricular Competencies:**

Reasoning and Modelling

Understanding and Solving

Communicating and Representing

Connecting and Reflecting

**Content:**

- **operations** with rational numbers (addition, subtraction, multiplication, division, and order of operations)
- **exponents** and exponent laws with whole-number exponents
- operations with **polynomials**, of degree less than or equal to 2
- **two-variable linear relations**, using graphing, interpolation, and extrapolation
- **multi-step** one-variable linear equations
- spatial **proportional reasoning**
- **statistics** in society
- **financial literacy** — simple budgets and transactions

**Materials Required:** scientific calculator

**Prerequisites:** Math 8