

# Physical Science 20

## Course Outline

### 1. Foundations of Chemistry

- PS 20 - FC1 Come to know the MOLE
- PS 20 - FC2 Types of chemical reactions, building and balancing, predicting products
- PS 20 - FC3 Stoichiometry and analyzing chemical reactions

### 2. Heat

- PS 20 - HT1 Analyze heat involved in temp change, state change and solutions
- PS 20 - HT2 Explain the scientific principles of heating and cooling in industry and our lives

### 3. Electromagnetic Radiation

- PS 20 - EM1 Explain the properties and characteristics of waves
- PS 20 - EM2 Explain applications of electromagnetic waves
- PS 20 - EM3 Examine refraction-based applications of EM

### 4. Science in Saskatchewan

- PS 20 - SS1 Analyze and explore physical-science related career paths in SK, Canada, and the world

### 5. Independent Study