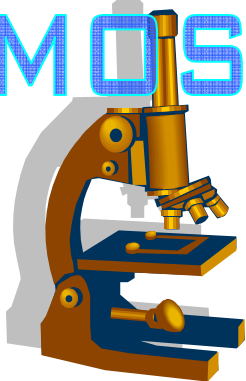


MOSCROP SCIENCE



Processes of Science

It is expected that students will:

- A1 demonstrate safe procedures
- A2 perform experiments using the scientific method
- A3 represent and interpret information in graphic form
- A4 demonstrate scientific literacy
- A5 demonstrate ethical, responsible, cooperative behaviour
- A6 describe the relationship between scientific principles and technology
- A7 demonstrate competence in the use of technologies specific to investigative procedures and research

Life Science: Reproduction

It is expected that students will:

- B1 explain the process of cell division
- B1 relate the processes of cell division and emerging reproductive technologies to embryonic development
- B3 compare sexual and asexual reproduction in terms of advantages and disadvantages

Physical Science: Atoms, Elements, and Compounds

It is expected that students will:

- C1 use modern atomic theory to describe the structure and components of atoms and molecules
- C2 use the periodic table to compare the characteristics and atomic structure of elements
- C3 write and interpret chemical symbols of elements and formulae of ionic compounds
- C4 describe changes in the properties of matter

Physical Science: Characteristics of Electricity

- C5 explain the production, transfer, and interaction of static electrical charges in various materials
- C6 explain how electric current results from separation of charge and the movement of electrons
- C7 compare series and parallel circuits involving varying resistances, voltages, and currents
- C8 relate electrical energy to power consumption

Earth and Space Science: Space Exploration

It is expected that students will:

- D1 explain how a variety of technologies have advanced understanding of the universe and solar system
- D2 describe the major components and characteristics of the universe and solar system

D3 describe traditional perspectives of a range of Aboriginal peoples in BC on the relationship between the Earth and celestial bodies

D4 explain astronomical phenomena with reference to the Earth/moon system

D5 analyze the implications of space travel

Marks Breakdown

60% Tests and Quizzes

40% Labs and Assignments