



Science 10

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Introduction

Science 10 introduces various aspects of biology, chemistry, earth science and physics. Specifically DNA and genetics; chemical formulas, equations, reactions and energy within; nuclear energy and reactions; potential and kinetic energy; and the formation of the universe.

Course setup:

The course is housed within our learning management, called Canvas, and is set up in four units. Instruction is delivered through videos that are accessed through a system called Content Connections. This system is accessed from Canvas.

There are online labs that are delivered through a separate website.

Course Content:

Unit 1: Biology (Genetics)
Unit 2: Chemistry
Unit 3: Physics
Unit 4: Astronomy

Assessment

Students have choices to do projects or tests for each Unit but must complete two tests at minimum.

Grades will be calculated according to the following weightings.

Labs	50%
Projects/Tests	50%

Important Course Expectations

- Students should expect to devote at minimum, 5 hours per week to this course.
- The course is designed to be completed within one semester (about 5 months) – students may complete sooner or take longer if needed. (Individual goals should be communicated with your teacher)
- Students MUST be active in course work weekly. Any cause for delays must be communicated to your teacher.

Curriculum Link

<https://curriculum.gov.bc.ca/curriculum/science/10/core>