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## Description:

As you examine your world in Science 10, you will:

- see continents shuffle and jostle past each other, volcanoes erupt explosively, oceans widen, and mountains emerge
- witness the colourful (and sometimes explosive!) magic of chemical reactions
- follow the movement of energy through the atmosphere, predict the weather, and discuss the implications of climate change
- describe how a car is able to go "from 0 km/h to 90 km/h in 6 seconds"
- take a virtual tour through the Great Bear Rainforest and examine the interactions of organisms and their environments

There are five modules in Science 10:

Module 1 - Plate Tectonics

Module 2 - Chemistry

Module 3 - Energy, Weather, and Climate Change (OPTIONAL – not for marks)

Module 4 - Physics of Motion

Module 5 - Sustainability of Ecosystems

## Required resources

Access to a computer and Internet access is required as there are various readings, videos, animations, simulations and links in the course. All of the materials are online and there is NO textbook.

The **prescribed learning outcomes** are listed in the course. These outcomes as well as other information for this course can be found by visiting the Ministry of Education's website: (<http://www.bced.gov.bc.ca/irp/plo.php>).

## Assessment Strategies / Performance Standards

There are FOUR module tests (worth 12.5% each for a total of 50%), FOUR Module quizzes (worth 7.5% each for a total of 30%), FOUR Module assignments (worth 5% for a total of 20%) in this course. The tests and quizzes are written online and you will hand in your assignments electronically via a drop box in the course. Each assignment will also include specific criteria for how you will be marked. Students may only submit ONE assignment per day. Note: Module 3 is OPTIONAL and the Module 3 Assignment, the Quiz and the Test marks do NOT count toward the final mark.

Performance standards for some courses can be found by visiting the Ministry of Education's website: ([https://www.bced.gov.bc.ca/perf\\_stands/](https://www.bced.gov.bc.ca/perf_stands/)).

## How long will this course take?

This is a 4-credit course and you should expect to spend 100 – 120 hours to complete it.

## Need help?

You may get help in person, by phone and online in the course by email.