

Key Ideas for Science 10

Science 10 is both a provincially examinable course as well as a pre-requisite for all the science courses offered in grade 11.

Environmental Science – Sustaining Earth’s Ecosystems
Biomes and ecosystems are divisions of the biosphere. Energy flow and nutrient cycles support life in ecosystems. Ecosystems continually change over time.
Chemistry – Chemical Reactions and Radioactivity
Atomic theory explains the formation of compounds. Compounds are classified in different ways. Chemical reactions occur in predictable ways. The atomic theory explains radioactivity.
Physics – Motion
Average velocity is the rate of change in position. Acceleration is the rate of change in instantaneous velocity.
Geology – Energy Transfer in Natural Systems
The kinetic molecular theory explains the transfer of thermal energy. Climate change occurs through natural processes and human activities. Thermal energy transfer drives plate tectonics.