

Science (Grade 9 Applied Science, ESL)

SNC 1PL

This course is only available for students taking ESL AO, ESL BO, ESL CO, and ESL DO.

The Grade 9 Applied Science course (ESL) covers five strands in the world of science; Scientific Investigation Skills and Career Exploration, Biology, Chemistry, Earth and Space Science, and Physics. Our Biology unit connects students with the sustainability of ecosystems and how their human activity can influence the environment around them. The Chemistry unit focuses on the properties and uses of elements and compounds. The basis of solid scientific investigation will also be explored. Earth and Space Science explores the idea that celestial objects in the solar system and universe have specific properties that can be investigated and understood. Specific technologies (for example the Canadarm) will also be investigated, with connections to how they can be utilized on Earth. Our Physics unit in grade 9 is the study of static and current electricity. Renewable and non-renewable technologies will be reviewed as well as the social, economic and environmental implications of the production and consumption of electricity. This ESL support class provides a unique learning environment for newcomers and students developing their English language skills. There is an emphasis on vocabulary, connections to prior knowledge, and personal cultural relevance for each student.

Prerequisite: None