

New Westminster Online Learning School

Science for Citizens 11:

Course Description

Science for Citizens 11 students are guided in learning to think critically, creatively, and reflectively; to construct a sense of personal and cultural identity; and to be respectful of a range of perspectives and worldviews. The online version of this course affords students the ability to work independently at the pace that best suits them while requiring careful time management and developing communication and thinking skills.

Course Expectation

Students are expected to complete the first assignment/project within 2 weeks of enrolling, to log in and make progress each week, and to finish the course within 5-months. They are expected to be in communication with their teacher when they have questions and if they need additional time. Students are expected to submit their own work.

Enduring Understanding/Big Ideas

Students will focus on:

- Scientific processes and knowledge inform our decisions and impact our daily lives.
- Scientific knowledge can be used to develop procedures, techniques, and technologies that have implications for places of employment.
- Scientific understanding enables humans to respond and adapt to changes locally and globally.

Specific Learning Outcomes

Curriculum details can be found at:

<https://curriculum.gov.bc.ca/curriculum/science/11/science-for-citizens>

Course Content

Module 1	Health and Nutrition
Module 2	Science at Home and Work
Module 3	Forensic Science
Module 4	Weather and Climate
Module 5	Sustainability

Student Learning Activities and Strategies

All materials, lessons, assignments, and assessments are online and use a combination of text, short videos, interactive animations, links to websites, and practice questions and exercises to help students understand the concepts.

Assessment

There are module assignments, quizzes and tests that are written online. Students will submit their assignments electronically via a drop box in the course. Each assignment will also include specific criteria for how students will be marked. There is NO midterm and NO final exam. Students may only submit one assignment/assessment per day. All assignments, quizzes and tests may be submitted from home. Note: While, in general, tests can be written at home, please note that at any time during this course, students may be required to come to a specific school location to write a test.

Evaluation

Learning Activity	Percentage of Final Mark
5 Module Assignments	5% each for a total of 25%
5 Module Quizzes	5% each for a total of 25%
5 Module Tests	10% each for a total of 50%
Total	100%

Resources

All materials are online, so access to a reliable high-speed internet is essential, and students use a laptop, desktop, or Chromebook. No textbook or workbook is required.