



SCIENCE 9 - COURSE OUTLINE

BIG IDEAS

- Cells are derived from cells
- The electron arrangement of atoms impacts their chemical nature
- Electric current is the flow of electric charge
- The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them

COURSE CONTENT

- Life Science: **Biology**
- Physical Science: **Chemistry**
- Physical Science: **Physics**
- Earth Science: **Ecology**

- **Provincial Core Curriculum (Curricular Competencies & Content):**
<https://curriculum.gov.bc.ca/curriculum/science/9>

RESOURCE MATERIALS

- BC Science 9 (McGraw-Hill Ryerson)

THE PROFICIENCY SCALE

- The four-point Provincial Proficiency Scale is used to communicate student learning in all areas of learning. **It is a requirement for student reporting in Grades K-9.** The four points on the scale include Emerging, Developing, Proficient, and Extending.

	Emerging	Developing	Proficient	Extending
Proficiency Scale	The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

ASSESSMENT AND EVALUATION

Assessment is the systematic gathering of information about what students know, are able to do, and are working towards. Assessment methods may include quizzes, student self-assessment of **core competencies**, performance observations, and conferencing.

Evaluation strategies may include

- Assignments, activities
- Tests, quizzes
- Projects, lab activities
- Presentations, mind maps

POLICIES AND PROCEDURES

- Students are expected to follow the safety rules outlined in the text and discussed in class
- Students are required to maintain a **Record of Proficiency** (provided in class and regularly updated by students)
- It is expected that students will demonstrate ethical, responsible, cooperative behavior
- Cheating, plagiarism, and academic dishonesty (e.g. “skipping” class) are not acceptable
- No credit, or additional opportunity for make-up, will be given to students involved in any form of cheating, plagiarism or academic dishonesty
- **Cell phones and electronic devices are not permitted in Science classrooms**

ATTENDANCE

- Missing classes for any reason will have an impact on academic success
- **Students absent from class are solely responsible for obtaining and completing any missed work**
- Tutorial times are offered each school day before the first period and must be utilized following any absence from class
- Students that know they will be absent from class must obtain and complete the **Windsor Science Department Absence Form** from their teacher, well in advance of their absence
- The school and teaching staff are not required to make special arrangements for unexcused absences
- **Family vacations are not an excused absence**
- Repeated unexcused absences or lates will result in consequences from the classroom teacher and from the grade administrator
- **Please refer to the School District 44 ‘Attendance Matters’ document found on the North Vancouver School District Home Page**

TEXTBOOKS

- Textbooks must be maintained throughout the course, and students must return their assigned textbook at the end of the year
- Students will pay for lost/damaged textbooks
- Students will be expected to maintain an organized binder containing notes, workbook, assignments, and activities

PRINT STUDENT NAME: _____

STUDENT SIGNATURE: _____

PRINT PARENT/GUARDIAN NAME: _____

PARENT/GUARDIAN SIGNATURE: _____

DATE: _____