

GRADE 9 SCIENCE

OBJECTIVES

- (i) To increase the student's understanding of science through the study of atoms, elements and compounds, sustainable ecosystems, electricity, and the study of the universe.
- (ii) To develop the student's problem-solving and investigation skills through lessons, practice problems and assessments.
- (iii) To aid students in the evaluation of technology in the world and to help them appreciate the importance of science in everyday life.

COURSE TEXTS

Lessons are based on the Ontario Curriculum for Grade 9 Science. Pictures and materials are taken from Nelson Science Perspectives 9 (2010).

STUDY AIDS

Please check the course website regularly for lecture notes and additional resources. Students are expected to bring the following to each class:

- Lecture notes
- Paper/Notebook
- Pen/Pencil
- Calculator

HOMEWORK

Students will be given 15-20 questions for homework each week. Students are expected to complete the homework before the next week. Marks from the homework will be recorded.

EVALUATION

Students will be assessed regularly through tests after every unit.

Test 1: Chemistry

Test 2: Ecology

Test 3: Electricity

Test 4: Astronomy

Olympiads: Grade 9 Science

Class	Description
1	Chemistry: Atoms, Elements and Compounds (1)
2	Chemistry: Atoms, Elements and Compounds (2)
3	Chemistry: Atoms, Elements and Compounds (3)
4	Chemistry: Atoms, Elements and Compounds (4)
5	Quiz 1: Chemistry
6	Biology: Sustainable Ecosystems (1)
7	Biology: Sustainable Ecosystems (2)
8	Biology: Sustainable Ecosystems (3)
9	Quiz 2: Biology
10	Physics: Electricity (1)
11	Physics: Electricity (2)
12	Physics: Electricity (3)
13	Physics: Electricity (4)
14	Quiz 3: Physics
15	Earth and Space Science: Study of the Universe (1)
16	Earth and Space Science: Study of the Universe (2)
17	Earth and Space Science: Study of the Universe (3)
18	Quiz 4: Earth and Space Systems