

OUR LADY OF LOURDES HIGH SCHOOL
Grade 10 Academic Science Overview

Course Code: SNC 2D1

Credit Value: 1

Description/Rationale/ Ontario Catholic School Graduate Expectations

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science and physics; to develop further their skills in scientific inquiry; and to understand the interrelationships among science, technology and the environment. Students design and conduct investigations into everyday problems and issues related to systems of living things, chemical reactions, climate change and optics. The study of the sciences helps students to learn, to be reflective, critical and creative thinkers, as well as discerning believers who can apply their knowledge to the world around them.

Unit Titles (Time and Sequence)

Unit 1	Chemistry: Chemical Reactions
Unit 2	Physics: Light and Geometric Optics
Unit 3	Earth and Space Science: Climate Change
Unit 4	Biology: Tissues, Organs and Systems of Living Things

Scientific Investigation Skills and Career Exploration: these will be assessed throughout the semester.

Assessment and Evaluation

Evaluation is based on the overall expectations of the course. These can be found at

<http://www.edu.gov.on.ca/eng/curriculum/secondary/subjects.html>

Expectations are grouped into four categories of learning. The weighting of the categories for the course is as follows:

Knowledge/Understanding	30%
Thinking/Inquiry/Problem Solving	35%
Applications/Making Connections	25%
Communication	10%

Course Grade Weighting:

Term Work

70%

-includes unit tests, lab based inquiry, unit research, assignments and applications.

Culminating Activities

30%

-includes a compulsory final exam and/or a final culminating assignment.

Missed/Late Assignments

Failure to complete assessment and evaluation activities reduces the body of evidence upon which the teacher can evaluate student achievement of the curriculum expectations and could jeopardize the granting of a credit for the course.

Cheating and Plagiarism:

Please see information regarding this topic in the Lourdes student guide given out at the beginning of the year. Any work handed in is expected to be the student's own work.

Departmental Resources

Nelson: Perspectives 10

Replacement Fee: \$80

I HAVE READ THIS DOCUMENT AND UNDERSTAND ALL POLICIES AND EXPECTATIONS FOR THE THIS COURSE. PLEASE SIGN IN THE SPACE BELOW AND RETURN TO YOUR CLASSROOM TEACHER.

PARENT/GUARDIAN SIGNATURE/ Date

STUDENT'S SIGNATURE/ Date _____

This signed Course Overview document must be kept in the student notebook.