



SNC 2P
SCIENCE
10 APPLIED
2016

General Course Information

Prerequisite(s):	SNC2P/D
Teacher:	_____ (Science office, 416-395-3290 ext 20095)
Assistant Curriculum Leader:	S. Evans, K. Fischer
Extra Help:	Available Upon Request
Textbook and Replacement Cost:	Nelson Connections 10 - \$90
Material Required:	Textbook, Scientific Calculator

Course Description

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics; to develop further their practical skills in scientific investigation; and to apply their knowledge of science to real-world situations. Students will design and conduct investigations into everyday problems and issues related to tissues/organs/systems, chemical reactions, climate change, and optics. Further information about this course can be found at http://www.edu.gov.on.ca/eng/curriculum/secondary/science910_2008.pdf

A list of the course expectations can be found at: http://www.edu.gov.on.ca/eng/curriculum/secondary/science910_2008.pdf

Course Information

Unit Titles

Strands of Study (Units)	Number of Lessons
Chemistry: Chemical Reactions and Their Practical Applications	22
Biology: Tissues, Organs and Systems	20
Physics: Light and Applications of Optics	22
Earth and Space Science: Earth's Dynamic Climate	17

*Note: The order and duration of the units may be subject to change

Assessment and Evaluation:

To promote student success, ongoing assessment and feedback is given regularly to the students. A variety of assessment and evaluation strategies are used in this course. Expectations are evaluated based on the provincial curriculum expectations and the strands and/or categories outlined in the ministry document.

What is evaluation? Evaluation determines a grade. In order to earn a credit in this course, you are responsible for demonstrating evidence of achievement of the knowledge and skills described by the course overall curriculum expectations (see link above). Your achievement in Learning Skills (Responsibility, Organization, Independent Work, Collaboration, Initiative and Self-Regulation) is key to your success. Academic integrity, good attendance, homework and assignment completion are critical. Your Learning skills are evaluated and reported separately on your Provincial Report Card.

How will I be evaluated? You will have opportunities to learn and be assessed (formative assessment) before evaluations. List of evaluation strategies which may be used (but are not limited to) are: quizzes, tests, problem-sets, laboratory activities, hands-on activities, independent study, problem-based learning, role-plays, and simulations.

How is my grade determined? Evaluation of the achievement of the overall curriculum expectations is based on the achievement chart for science. The achievement chart for science can be found at www.edu.gov.on.ca. Guidelines are consistent throughout the province. Marks are weighted according to the achievement chart categories (Knowledge/Understanding, Inquiry, Communication, and Application).



SNC 2P
SCIENCE
10 APPLIED
2016

The four categories of achievement are: Knowledge/Understanding, Inquiry, Communication, and Application

These categories help guide the creation of assessment and evaluation tools.

Each student's term mark will be in the form of a percentage grade based on their achievement in the four categories:

Knowledge/Understanding	30%
Inquiry	25%
Communication	20%
Application	25%

The breakdown of the final mark is as follows:

Term Evaluation	70%
Culminating Project	10%
Final Evaluation	20%

The final evaluation will be a summative exam completed during the exam period.

In addition to students' performance in the achievement categories, students will also be assessed on their performance in the following learning skills:

- Responsibility
- Organization
- Independent Work
- Collaboration
- Initiative
- Self-Regulation

For specific policies on assessment and evaluation, and academic honesty, please refer to School Procedures in the student agenda.