



SNC2D
Science
Grade 10 Academic
2016-17

General Course Information

Prerequisite(s):	SNC1D/P
Teacher:	_____ (Science office, 416-395-3290 ext 20095)
Department:	Science
Assistant Curriculum Leader:	S. Evans, K. Fischer
Extra Help:	Available upon request
Textbook and Replacement Cost:	ON Science 10, \$90
Material Required:	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 skills in scientific inquiry; and to understand the interrelationships among science, technology, and the environment. Students will conduct investigations and understand scientific theories related to: tissues, organs and systems; chemical reactions, with particular attention to acid-base reactions; factors that influence 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

Course Information

Unit Titles

Strands of Study (Units)	Number of Lessons
Biology: Tissues, Organs & Systems of Living Things	20
Physics: Light and Geometric Optics	20
Chemistry: Chemical Reactions	21
Earth and Space Science: Climate Change	20

Teaching Strategies

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.

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.

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 course:

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



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The breakdown of the final mark is as follows:

Term Evaluation	70%
Culminating Project/Science Fair	10%
Final Evaluation	20%

The final evaluation(written exam) will be completed during exam week

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.