



General Course Information

Prerequisite(s):	SNC 2D
Teacher:	_____ (Science office, 416-395-3290 ext 20095)
Department:	Science
Assistant Curriculum Leader:	S. Evans, K. Fischer
Extra Help:	Available upon request unless otherwise noted
Textbook and Replacement Cost:	Biology 11 (Nelson) - \$85
Material Required:	Textbook

Course Description

This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.

A list of the course expectations can be found at:

<http://www.edu.gov.on.ca/eng/curriculum/secondary/science1112curr.pdf>

Course Information

Strands of Study (Units)	Number of Lessons
Diversity of Living Things	15
Plants: Anatomy, Growth, and Function	12
Animals: Structure and Function	20
Genetic Processes	20
Evolution	14

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

Teaching Strategies

You will have opportunities to learn and be assessed (formative assessment) before evaluations. Teaching 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.

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, Thinking/Investigation, Communication, and Application).

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



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

Knowledge/Understanding	30%
Thinking/Investigation	25%
Application	25%
Communication	20%

The breakdown of the final mark is as follows:

Term Evaluation	70%
Culminating Project	5%
Final Evaluation	25%

The final evaluation will be 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.