



General Course Information

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: Science 9 Connections, \$90
 Material Required: Textbook

Course Description

This course enables students to understand basic concepts in biology, chemistry, earth and space science, and physics; to develop practical skills in scientific investigation; and to apply their knowledge of science to everyday situations. Students will design and conduct investigations into practical problems and issues related to the sustainability of ecosystems, the structure and properties of elements and compounds, astronomy and space exploration, and static and current electricity. Further information about this course can be found at:
http://www.edu.gov.on.ca/eng/curriculum/secondary/science910_2008.pdf

Course Information

Strands of Study (Units)	Number of Lessons
Scientific Skills	6
Biology: Sustainable Ecosystems and Human Activity	18
Physics: Electrical Appliances	20
Chemistry: Exploring Matter	20
Earth and Space Science: Space Exploration	17

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

You will have opportunities to learn and be assessed (formative assessment) before evaluations. A list of evaluation strategies which may be used including quizzes, tests, problem-sets, laboratory activities, hands-on activities, independent studies, 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 and 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 following categories:

Knowledge and Understanding	30%
Application	25%
Thinking and Inquiry	25%
Communication	20%



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The breakdown of the final mark is as follows:

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

The culminating portfolio will be completed during the final term and will include a variety of written activities including a summary, an information paragraph, a news report and an opinion essay.

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.