



SNC 1L
Science
Grade 9 Essentials
2014-15

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 Essentials 9 (McGrawHill), \$16
Material Required:

Course Description

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the environmental impact of science and technology, to prepare students for success in everyday life, in the workplace, and in the Grade 11 Science Workplace Preparation course. Students explore a range of topics, including science in media, interactions of common materials, interdependence of organisms in communities, and the use of electrical science energy. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities. Further information about this course can be found at: <http://curriculum.org/occ/profiles/9/pdf/SNC1L.pdf>

Course Information

Strands of Study (Units)	Number of Lessons
Scientific Inquiry: Science in daily Life	17
Biology: Staying Alive	22
Chemistry: Properties of Common Materials	20
Plant Physics: Electrical Circuits	22

*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. 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, Application, Communication and Thinking/Investigation.

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

The breakdown of the final mark is as follows:

Term Evaluation	70%
Culminating Project	15%
Final Evaluation	15%

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



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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.