



# E. L. Crossley Secondary School SNC 1D – Grade 9 Academic Science

**Teacher:** Ms. J. Kropac  
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**Teacher:** jessica.kropac@dsbn.org  
**Textbook:** Science Perspective 9



This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

Prerequisite: None



- a. Scientific Investigation Skills and Career Exploration
- b. Biology: Sustainable Ecosystems
- c. Chemistry: Atoms, Elements, and Compounds
- d. Physics: Electricity
- e. Earth and Space Science: Study of the Universe

Note: The expectations for Strand A will be incorporated into the delivery of the expectations of the other strands.



Assessment and evaluation in this course will be based on the expectations set out in the provincial curriculum documents. Students will be provided with numerous and varied opportunities to demonstrate the full extent of their achievements. A final grade in the course will be determined as follows:

|                         |                  | Weighting |     |
|-------------------------|------------------|-----------|-----|
| <b>Term Evaluation</b>  | Tests            | 15%       | 70% |
|                         | Quizzes          | 10%       |     |
|                         | Labs             | 15%       |     |
|                         | Projects         | 15%       |     |
|                         | Assignments      | 15%       |     |
| <b>Final Evaluation</b> | Exam             | 20%       | 30% |
|                         | Performance Task | 10%       |     |

**Students are evaluated in the following areas:**

Knowledge and Understanding  
Communication

Thinking and Investigation  
Application



Learning skills will not be included in the numeric grade for the course unless they are part of the provincial curriculum expectations for the course. However, development of these skills is critical to academic achievement. Therefore, they will be assessed throughout the course and will be rated separately on the provincial report card:

Responsibility  
Organization

Independent Work  
Collaboration

Initiative  
Self-Regulation



**Attendance:** Process is an integral part of this course. Skills are taught, practiced and assessed on a daily basis in the classroom. For this reason, daily attendance is crucial for success.

**Deadlines:** Students at E. L. Crossley often have numerous and varied commitments tied to the school and its programs. Therefore, students are encouraged to negotiate due dates and deadlines when the need arises. However, negotiations between teachers and students must occur well in advance of the deadline for submission or completion of assignments. In some cases, a window of opportunity or flexible timeline for the submission or completion of work may exist. Depending on the circumstances, late submission may result in a **5% penalty per day up to a total of 15%** of the mark assigned. Once an assignment has been evaluated and returned to the class, a substitute assignment and deadline may be offered where appropriate. Failure to do that assignment may result in a zero. The nature of some assignments or tasks may necessitate absolute, non-negotiable deadlines for which there can be NO extension.

**Missed Evaluations:** Absence from scheduled evaluations, such as tests or performance tasks, for unauthorized reasons, is regarded as a serious matter. Students will have the opportunity to complete assignments or tasks missed for legitimate reasons or extenuating circumstances, such as in-school activities, field trips, illness or death in the family. Students are expected to provide a note or other documentation to verify the reason(s) for their absence. The student and the teacher will negotiate rescheduling of assignments/tests on an individual basis.

**Textbooks:** Students are expected to keep textbooks in an excellent state of repair. Students who return textbooks which are damaged or defaced in any way beyond normal wear and tear will be required to compensate the school for repair or replacement cost. The replacement cost of the textbook for this course is \$85.

**Academic Honesty:** Students must submit their **own** work. Plagiarism, including electronic theft, misrepresentation of original work, lying, cheating, theft of evaluation instruments, use of unauthorized aids and/or false representation of identity, will not be tolerated and will result in appropriate penalties.