



Eastern Shore District High School
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Science 10 Course Outline

This is an introductory course to high school science, where various disciplines of science will be explored through the curriculum and where students will be introduced to the scientific method. Each unit is accompanied by laboratory explorations where lab safety is stressed. You will be actively involved with the social and technological aspects of science.

Appropriate Language:

Maintaining ESDH's respectful learning environment requires certain expectations regarding the use of appropriate language throughout the building and school property. Appropriate language is courteous, non-intimidating, and excludes swearing or cursing. Inappropriate language cannot be tolerated as it has a negative effect on the learning environment.

Assessment and Evaluation:

Both teacher and student learn from assessment. The teacher learns what further instruction a student needs; the student learns their strengths, their challenges and what must be done to improve. As such, SCI10 will make use of both formative and summative assessments in the form of hands-on activities, assignments, projects, labs, tests, and group work. Homework plays a key role in review and reinforcement of concepts. Parents and students are encouraged to obtain PowerSchool logins to have access to the most up-to-date student progress.

Late Assessments:

Students are responsible for completing assignments by specified due dates so that teachers can provide timely feedback. A due date is given for each assignment. If the student does not hand in the assignment on the due date, the student may consult with the teacher regarding a possible alternate due date. This must be done in a timely manner. If the alternate due date is granted but not met, the student will have missed the opportunity to demonstrate achievement towards the outcomes and the student's grade may be affected.

Missed Work During Absences:

If a student misses one or more classes due to illness, travel, sports, extracurricular activities, etc., the following process will be followed:

1. Upon returning to school, the student is responsible to contact the teacher to find out what work was missed.
2. The student is responsible for obtaining notes for missed classes and completing all work that was done on the day(s) missed.
3. If an assignment was due, or a test/quiz was to be written on the day of the absence, the student will hand in the assignment or write the test/quiz on the **first day back** to school, provided that the missed day was an **excused absence**.
4. If an assignment or lab was given on the day of an absence, the student should contact the teacher to determine the deadline for making up the missed work.

Curriculum Outcomes:

Science 10 consists of four units of study, shown below along with the values that each unit comprises toward the 80% term mark. The remaining 20% will be the final examination.

Unit 1: Sustainability of Ecosystems - examines the influence of heat and water on the climate and weather. **(25%)**

Unit 2: Motion - delves into the methods of interpretation of scientific variables and graphical analysis, and how they apply to uniform motion. **(25%)**

Unit 3: Weather Dynamics - explores the nature of interactions among wildlife, the flow of nutrients and sustainability of ecosystems. **(25%)**

Unit 4: Chemical Reactions - explores the nature of classification of materials, various chemical properties and chemical reactions. **(25%)**

To view a more detailed listing of the curriculum outcomes for Science 10, please go to:
<http://tonen.ca/science-10/sci10-documents/>