



Windsor Secondary School

931 Broadview Drive
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Mission Statement "LEARNING FOR SUCCESS"

At Windsor Secondary School we strive to treat each other with respect and dignity, appreciate diversity, actively pursue lifelong learning through different opportunities and value everyone's right to work and learn in a safe, supportive, challenging environment.

EARTH SCIENCES 11 – COUSE OUTLINE

BIG IDEAS

- **Earth materials** are changed as they cycle through the geosphere and are used as resources, with economic and environmental implications.
- **Plate tectonic theory** explains the consequences of tectonic plate interactions.
- The transfer of energy through the **atmosphere** creates weather, and this transfer is affected by climate change.
- The distribution of **water** has a major influence on weather and climate.
- Astronomy seeks to explain the origin and interactions of **Earth and its solar system**.

COURSE CONTENT

Earth's Materials will focus on minerals and rocks and how these are mined from the earth. This unit also includes a section on the branches of Earth Science and tools used by Earth Scientists to study the planet.

Internal Processes will review ideas about the role tectonic plates play in building up the world around us. Locating earthquakes and how earthquakes are related to tectonic plate boundaries will be examined.

Earth's Atmosphere will examine how the ocean and the atmosphere operate and how changes to these affect our planet (i.e. climate change).

Hydrology will explore water as a unique resource. It will also examine properties of the ocean, and local and global currents.

Astronomy will include the formation and structure of our solar system as well as exploring the universe and the life cycle of stars.

> Provincial Core Curriculum (Curricular Competencies & Content):

<https://curriculum.gov.bc.ca/curriculum/science/11/earth-sciences>

RESOURCE MATERIALS

- Earth Science (Heath)

ASSESSMENT AND EVALUATION

Assessment is the systematic gathering of information about what students know, are able to do, and are working towards. Assessment methods may include: quizzes, student self-assessment, performance observations, and conferencing

Evaluation strategies may include

- Assignments, activities
- Tests, quizzes
- Projects, lab activities
- Presentations, mind maps

MARKS ASSIGNMENT

- Term mark is determined from the various assessment and evaluation strategies
- Year-end mark will be calculated as a cumulative mark

POLICIES AND PROCEDURES

- Students are expected to follow the safety rules outlined in the text and discussed in class
- Students are required to maintain **Marks Record Sheets**
- Students will be given a **Progress Report** each term which must be signed by a parent/guardian and returned to the Science teacher
- For students receiving a mark less than 60%, this report constitutes an “**Incomplete**” or “I” letter grade
- It is expected that students will demonstrate ethical, responsible, cooperative behavior
- Cheating, plagiarism, and academic dishonesty (e.g. “skipping” class) are not acceptable
- No credit, or additional opportunity for make-up, will be given to students involved in any form of cheating, plagiarism or academic dishonesty
- **Cell phones and electronic devices are not permitted in Science classrooms**

ATTENDANCE

- Missing classes for any reason will have an impact on academic success
- Students absent from class are solely responsible for obtaining and completing any missed work
- A mark of zero may be assigned for all missed assignments, tests, and quizzes
- Students that know they will be absent from class must obtain and complete the **Windsor Science Department Absence Form** from their teacher, well in advance of their absence
- The school and teaching staff are not required to make special arrangements for unexcused absences
- **Family vacations are not an excused absence**
- Repeated unexcused absences or lates will result in consequences from the classroom teacher and from the grade administrator

TEXTBOOKS

- Textbooks must be maintained throughout the year, and students must return their assigned textbook at the end of the year
- Students will pay for lost/damaged textbooks
- Students will be expected to maintain an organized binder containing notes, workbook, assignments, and activities

PRINT STUDENT NAME: _____

STUDENT SIGNATURE: _____

PRINT PARENT/GUARDIAN NAME: _____

PARENT/GUARDIAN SIGNATURE: _____

DATE: _____