



Windsor Secondary School

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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 SCIENCE 11 – COURSE OUTLINE

BIG IDEAS

- **Astronomy** seeks to explain the origin and interactions of **Earth and its solar system**
- **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

COURSE CONTENT

- **Unit 1: Astronomy** will focus on the formation and structure of our solar system, as well as exploring the universe and the life cycle of stars
 - **Unit 2: Earth's Materials** will focus on minerals and rocks, and how these are mined from the earth
 - **Unit 3: 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.
 - **Unit 4: Earth's Atmosphere** will examine how the ocean and the atmosphere operate, and how changes to these affect our planet
 - **Unit 5: Hydrology** will explore water as a unique resource. It will also examine the properties of the ocean, and the local and global currents.
- **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 of **core competencies**, performance observations, and conferencing.

Evaluation strategies may include

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

Letter Grades:

A:	86-100%	Excellent
B:	73-85%	Very Good
C+:	67-72%	Good
C:	60-66%	Satisfactory
C-:	50-59%	Minimally Acceptable
I:	0 – 49%	Incomplete
F:	0 – 49%	Failed to Complete

MARKS ASSIGNMENT

- Final mark will be determined from the above assessment and evaluation strategies
(**70% Tests/Quizzes & 30% Assignments & Projects**)

Class Expectations:

- **Attend Class** – It's much harder to catch up on missed material than to learn it with everyone else in class. Come to class, and arrive on time so you don't miss any crucial concepts
- **Keep up with work and meet due dates** - All assignments will be due at the beginning of class. Assignments or labs handed in after work has been returned **will not be marked**, nor will assignments handed in after a unit test.
- **Own Your Own Learning** – Completing practice work is expected and is necessary for success in this course, but it is not sufficient. **Homework is practice and you may need more practice than you're given.** *It does not matter if you completed your homework if you can't repeat it - what matters is that you understand the concepts and can complete similar questions in the future.* This may mean you need to review and repeat this work to attain mastery.
- **Take Responsibility for Absences** - If you are absent and missed notes, an assignment or activity, you will be expected to make it up on your own time. If you miss class, you are expected to check MS Teams to follow along with missed material and copy out all notes yourself. Do not show up to class empty-handed.
- **Be Brave, Ask Questions!** If you're confused (or just curious!), don't hesitate to ask for help. You're probably not the only one with that question.
- **Tests & Quizzes** - All students are expected to write tests/quizzes on the scheduled day and time. ***Family vacations are not an excused absence.*** In special circumstances, an alternative sitting is sometimes arranged for students. As per school policy, a student who misses a test because of skipping will get zero.
- **Labs & Assignments** – It is expected that if your name is written on a lab, that the thinking on the lab is *yours*, not your lab partner's. If labs are submitted with identical (or near identical) answers *or especially identical mistakes*, the marks from that lab will be split between you and the lab partner(s).
- **School Starts at 8:30, not 9:10** – Tutorial time is built-in to our schedule to support students who need extra help absorbing the course material at the rate of the class.

IF YOU:

- Did not have time to complete your homework
- Did not understand something about the course material
- Just want somewhere quiet to work and ask questions if needed

Drop by E514 for tutorial time. There are no stupid questions, no level of confusion you could have that would justify being embarrassed or ashamed. If you need help please seek it out before it piles up.