



Earth Science 11

COURSE OUTLINE

Overview

This course offers relevant and practical science that has important implications in the real world. Students will be introduced to diverse aspects of earth and space science. Areas of study include: Earth and Its Environment, Geology, Hydrology, Plate Tectonics, Astronomy, Atmospheric Science and Earth's History. This course can be used to satisfy the Grade 11 admission requirements for any B.C. university. This course is delivered online and students are provided with handy entry windows for responses to questions or “upload” buttons for larger files. The only supervised test is the Final Exam that must be written in the Delta Access Testing Centre.

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.

The Learning Standards which includes Curricular Competencies and Content can be found at <https://curriculum.gov.bc.ca/curriculum/science/11/earth-sciences>

Prerequisites: None

Course Content and Timelines

The timelines suggested are based on a 10 month Fall course (September to June). If you are joining a course with less time left, you will want to adjust your timing accordingly.

Timelines should be adjusted based on each student's situation.

Unit 1: Astronomy, Stars & Galaxies (3 weeks)
Unit 2: Bodies of the Solar System (3 weeks)
Unit 3: Earth, Sun & Moon (3 weeks)
Unit 4: Plate Tectonics (3 weeks)
Unit 5: Weathering & Erosion (3 weeks)
Unit 6: Minerals, Rocks & the Rock Cycle (3 weeks)
Unit 7: Oceanography (3 weeks)
Unit 8: Atmospheric Sciences (3 weeks)

Course Materials

No textbook is required. Course content is delivered on our online platform by videos, online links, and associated worksheets.

Additional Websites

None

Assessment Information

Learning Guides	20%
Unit Tests	40%
Projects	20%
Final Exam	20%

Assignments

All units contain one or multiple assignments within each lesson. All instructions for each assignment are contained within the lessons along with information on how they will be assessed above the assignment submission links. Once the assignments are complete they should be scanned (if needed) and uploaded to the assignment submission box for marking. ALL digital work must be done in Google so that the creative process may be tracked. In other words, the use of AI is extremely limited.

Tests

Final Exam to be written under supervision at Delta Access test centre.

Quizzes

Unit Tests for each unit (written on your own time – no supervision required)

Reporting

Progress Reports

These will be sent to both students and parents. These reports are sent via email and are based on the email(s) you provided. Please make sure your online profile is up to date with this information to ensure you receive the reports.

Report Cards

These will be issued for the Fall term in November, March, and June. For Spring/Summer, only a final report card will be issued in August. These reports are available for Delta School District students on our student management system. For those not attending one of our high schools, please call our Continuing Education office 604-940-5550 to receive a copy.

For more information regarding mark entry windows and grading, please visit the following webpage: <https://www.deltaaccess.ca/explaining-the-mark-entry-windows-and-grading-for-delta-access/>

Only students who have done enough work to meet the activity requirement for the course will get report cards by the mark entry windows outlined by their teachers. Even if you are getting progress reports, you are not considered an active (official student) until this is met. For Earth Sciences 11, **you must first complete the Unit 1 Learning Guide in order to be an active student in the course.**

Initially, course reports will be based only on assignments that students have submitted. At a later date, all missing assignments will count in grade calculations, giving students a realistic picture of current course standings. It is important when viewing report cards and progress reports up until this point that the amount of the course completed is taken into consideration. (ie. **90% standing in a course that is only 10% complete is very different than 90% in a course that is 80% complete**)

Plagiarism

Plagiarism and Academic Dishonesty

ChatGPT or AI

Use of the new AI technology ChatGPT or AI is also in violation of the Delta Access Plagiarism policy. If student work is suspected to be produced with artificial intelligence it will be run through one of our AI checkers to confirm. If confirmed it will be treated the same as any other plagiarism violation <https://www.deltaaccess.ca/plagiarism/>

Plagiarism is the unauthorized use or close imitation of the language and thoughts of another author and the representation of them as one's own original work, as by not crediting the author (Dictionary.com) <http://dictionary.reference.com/browse/plagiarism>

Plagiarism can be done either intentionally or accidentally. Regardless, it is an academic offense that carries with it varying levels of consequences – from a mark of zero for work submitted to expulsion from the course and/or on-line program. Plagiarism takes various forms: copying another's work, not citing another's original work, cutting and pasting from the internet and claiming the work as your own, allowing other students to copy and submit your work as their own, and so on. It is YOUR RESPONSIBILITY to be aware of the rules around using and citing other people's work.

An excellent website that answers questions about plagiarism can be found at:

<http://www.plagiarism.org/>

<http://www.grammarly.com/>

<http://www.englishclub.com/writing/plagiarism.htm>

<http://australianhelp.com/plagiarism>

If you are uncertain as to whether you may be plagiarizing someone's work, check with your

teacher or consult the many websites that outline the rules.

If a student is found to have submitted plagiarized work, the Delta Access teacher will notify both the student and Delta Access administration to document the violation and to determine further consequences. Repeated occurrences of plagiarism will likely result in a final mark of "Failure" in the specific on-line course.

Contacting your Teacher

I can be contacted using the D2L messaging tab or dburgess@deltalearns.ca My website is: www.theburge.weebly.com. I generally respond from 5 to 9pm on weeknights. If you need help with any of the material, do not hesitate to ask.

If you have any concerns that cannot be addressed by your teacher please contact Delta Access – btereposky@deltaschools.ca or call 604-599-6398.