

Science 9 Course Syllabus

Teacher: Ms. Chou

email: ichou@sd44.ca

Room: E500

This course is designed for you to experience opportunities to expand your understanding of scientific concepts and develop skills and attitudes for scientific discovery and inquiry. This course will address the science curriculum under a “Know-Do-Understand” model. The 3 elements, the Content (Know), Curricular Competencies (Do), and Big Ideas (Understand) all work together to provide a framework for students to become scientifically literate.

The course has been divided into 5 units that address the 5 Big Ideas:

1. **Astronomy:** Seeks to explain the origin and interactions of Earth and its solar system
2. **Earth’s Materials:** Minerals and rocks are changed as they cycle through the geosphere and are used as resources, with economic and environmental implications
3. **Plate Tectonics:** Explains the consequences of tectonic plate interactions
4. **Climate:** The transfer of energy through the atmosphere creates weather, and this transfer is affected by climate change
5. **Water systems:** The distribution of water has a major influence on weather and climate

TEXTBOOK AND SUPPLIES Students are expected to bring the following items to every class:

- Heath Earth Science Textbook
- 3 Ring binder with lined paper
- pen, pencil, eraser, ruler, calculator

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

ASSESSMENT AND EVALUATION

Assessment strategies include but are not limited to:

- Tests, quizzes – 60 %
- Projects (at least 1 project will be a presentation) – 30%
- In Class labs, groupwork and participation – 10%
- **Bonus** Homework Completion – 3%

C- (50%)	C (60%)	C+ (67%)	B (73%)	A (86%)
The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning		The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning

POLICIES AND PROCEDURES

- You will attend class on time prepared to learn and participate in class to maximize your learning
- You will **follow the safety rules outlined** in the text and discussed in class
- You will contribute to the safe, co-operative, friendly learning environment. ***This means everyone respects everyone – bullying and discrimination are not tolerated***
- You are responsible for your OWN learning (that means coming to me, the teacher, for help when you are having difficulties or seeking help from other teachers/resources)
- You will complete homework and assignments on time and review material to be ready for classroom activities, labs, quizzes, and tests
- **Cell phones and electronic devices are not permitted in Science classrooms (except for translators and with explicit permission each time from the teacher)**
- You will regularly check MS TEAMS and your school email to ensure you remain up to date with everything in class

HOMEWORK/LATE WORK

- Students are expected to complete any activities and work assigned in class as homework if not complete during class time.
- **The TEAMS page will be constantly updated after every class for students who may be absent.** It will have the classwork uploaded for that day.
- Late work must be accompanied by a late form by the student explaining why the work is late and how they plan on avoiding this situation in the future. It must also be signed by a guardian.

ATTENDANCE

- Tutorial times are offered each school day before the first period and **must be utilized following any absence from class**
- A mark of zero may be assigned for all unexcused missed assignments, tests, and quizzes
- **Students that know they will be absent from class must inform the teacher beforehand with guardian email or note. Extended absences must be filed with the Office**
- Repeated unexcused absences or lates will result in consequences from the classroom teacher and from the grade administrator
- **Please refer to the School District 44 ‘Attendance Matters’ document found on the North Vancouver School District Home Page**

PLAGIARISM/CHEATING/ACADEMIC DISHONESTY

Plagiarism is the practice of copying words, sentences, images, or ideas for use in assessments without giving proper credit to the source. Cheating is defined as the giving or receiving of illegal help on anything that has been determined by the teacher to be an individual effort. Both are considered serious offenses and will significantly affect your course grade. No credit, or additional opportunity for make-up, will be given to students involved in any form of cheating, plagiarism or academic dishonesty.