

Course Outline

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Earth Science is a yearlong course typically taken by 8th grade students. Students will observe, experiment, read, and analyze data about the various components of Earth Science. Connections will be made between Earth Science, the other sciences, mathematics and other content areas, using technology, readings, and a variety of investigations, explorations, and activities.

Major Units Covered in Earth Science:

Physical Science	Earth Science	Space Science
Physical Properties and Changes Chemical Changes Waves	Earth's Structure Weathering and Erosion Rocks and Minerals Plate Tectonics Earthquakes and Volcanoes Weather and Climate Environmental Changes	Earth, Sun, and Moon System Our Solar System

Evaluation Criteria:

Tests, quizzes, assignments, homework, and projects may be used in evaluation. A comprehensive final exam is given at the end of the school year.

Grading:

100-90% A 89-80% B 79-70% C 69-60% D below 60% F

Students will earn a grade for each of the four quarters. Students will also take a final exam at the end of the course. These percentages will be averaged to determine the final grade in the course.

Materials Used

iPad- Glencoe Earth Science iBook - Laboratory Book

The Harnessed Atom- US Department of Energy -

Video and other material from Discovery Education-United Streaming including Science Techbook

Web sites pertaining to the curriculum

Major Assessments/ Standards

A unit test will be given for each unit covered

Minnesota State Standards will be covered and tested

MCA Science test preparation will be completed in this class

Materials Needed

1 Composition notebook

Pencils

1 pair of earbuds or headphones

Classroom Management

8th Grade Expectations and Policies

Overall Guidelines and Expectations

Be Respectful, Be Responsible, Be Attentive, Be Considerate.

Tardy

3 unexcused tardies = detention assigned, detention given for each tardy thereafter (start fresh each quarter)

Coming Prepared/Bringing Materials

Students need to come to class with materials. Should something be forgotten in a locker students will go get it and be marked tardy.

- [Backpacks remain in lockers except on an individual basis](#)
- [Time for locker in between classes](#)

iPads

As a member of a 1:1 program, it is your responsibility to bring your device to class each day charged and ready for use. Failure to do so will result in your being sent to the Media Center to receive a violation. If your device is in need of charging it will be kept and charged for the remainder of the class hour or until it reaches 50%. It is your responsibility to pick it up between classes. Loaner devices are available only for devices that are mailed in for repair.

Violation #1 - Warning

Violation #2 - Detention

Violation #3 - Detention and loss of privilege to take device home for the period of 20 school days.

Entering Class

Students should be in their seat and working on the bell ringer when the bell rings. Video games, music/head phones and cell phones should be put away before entering the classroom.

Late Work/Missing Work

Expectation is to turn things in on time, students can arrange time with teachers to make up late work for credit as determined by the teacher.

Bathroom Passes

2 per quarter

Ending Class

Students are dismissed by the teacher.

8th Grade Science Expectations

I/we have read and agree to the expectations

Student Signature

Date

Parent Signature

Date