

WELCOME TO EARTH SCIENCE 8



Mrs. Birkett, Room 108

Overview

Earth science is one of the *natural sciences*, and it is made up of **4 major branches**:

GEOLOGY, Oceanography, Meteorology, and Astronomy

Although these all sound very different from one another they can actually all be connected in numerous ways. In this course we will be visiting some exciting and mysterious parts of the Earth, and we will be exploring how we can use what the Earth “tells” us to help benefit modern society, and beyond!

Curriculum – 5 Units

Unit 1 – Introduction to Earth Science

Unit 2 – Earth Structures and Processes

Unit 3 – A Sustainable Earth

Unit 4 – The Universe

Unit 5 – Human Interactions within the Earth System

Required Class Materials

- School issued iPad (a Stylus may be helpful, but not required)
- 1, 3-ring binder with pockets
- 1 Spiral notebook, or loose leaf paper
- Scientific calculator
- Colored pencils
- Pen or pencil (no red or pink ink please ☺)

Grading

Summative Assignments (Tests, quizzes, major projects) → **Weighted 80%**

Formative Assignments (Classwork, homework, selected labs) → **Weighted 20%**

**NOTE* Formative assignments carve a pathway to successful summative assignments!*

Class Expectations

- *Be on time to class!
- *Be prepared to learn and work (Have all materials for SCIENCE class)!
- *Be respectful to those around you - everyone has a right to learn!
- *Be responsible of your own actions!
- *Assume nothing...question everything!

LET'S HAVE A GREAT YEAR!

