

# **WELCOME TO EARTH SCIENCE 8**

## **2012-2013**



**Mrs. Birkett, Room 108**

### **Overview**

What would we have without Earth? Well, not much to stand on, that's for sure. If we are going to live on this miracle planet we must as well learn about how it works! Earth science is one of the natural sciences, and it is comprised of 4 major branches:

**\*Geology, Oceanography, Meteorology, Astronomy**

Although these all sound very different they can all be connected in numerous ways. In this course we will be visiting some exciting and mysterious parts of the Earth, and hopefully learning a little something, too!

### **Units**

<i>September</i>	Branches of Earth Science; Scientific methods and models; Graphing; Metric system; Mapping
<i>October</i>	Basic Physical Science Concepts; Geology (Plate Tectonics)
<i>November</i>	Geology (Chemistry, Rocks and Minerals)
<i>December</i>	Oceanography
<i>January</i>	Geologic Time
<i>February</i>	Water Cycle, Energy Sources
<i>March</i>	Meteorology - Atmosphere
<i>April</i>	Meteorology (Severe weather), Intro to Astronomy
<i>May</i>	Astronomy (solar system, stars)

### **Materials for Class**

- 1 Binder with pockets
- Loose leaf paper
- Scientific calculator (not needed everyday)
- Bring textbook everyday!
- Colored Pencils (not needed everyday)
- Pen or pencil ( no red or pink ink please ☺ )

## **Grading**

Throughout the 2012-2013 school year, Hayfield High School will be implementing the new Grading for Learning program.

Tests and Projects:	80% of quarter grade (Summative)
Classwork and Homework:	20% of quarter grade (Formative)
Responsibility Grade:	Student will receive a score of 1-4

## **Class Expectations**

- \*Be on time to class
- \*Be prepared to learn and work
- \*Be respectful to those around you-everyone has a right to learn
- \*Be responsible of your own actions- no one ever gets anywhere by making excuses or pointing the blame towards someone or something else.
- \*All school-wide rules will be enforced in my classroom

## **Website**

<http://hayfieldteachersbirkett.yolasite.com/>

\*\*I'm looking forward to a great year, and getting to know all of you!  
Do ask questions, even if you are the slightest bit unsure of something.  
I am always available to help!

