



# Syllabus – Advanced Earth Science 8

**Teacher – Mrs. Bahn**

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## Course Overview

Welcome to the wonderful world of Earth Science! Earth science is the study of Earth's interior, its rocks and minerals, its atmosphere, and outer space. This year we will be studying Matter, Astronomy, Geology, Meteorology and Water. We will continue to use the scientific method to conduct experiments and will be implementing the metric system when practicing measurement.

## General Approach

Classes will consist of labs and interactive lectures using the Promethean board and Active Expressions clickers. Students will often be working in teams or with partners. Students are expected to complete a **STEM (Science, Technology, Engineering, Mathematics) project** this year. Students are also required to participate in a STEM fair. We will have a STEM Fair at AMSA on Wednesday, January 21<sup>st</sup>. Little time will be devoted working on STEM projects in class, most of the work needs to be completed outside of class. Numerous components of the project will be due throughout 1<sup>st</sup> trimester.

## Materials

We will have two books this year. The first book is McDougal Littell – Matter and Energy, which we will use only for our Matter unit at the beginning of the year. The second book is McDougal Littell – Earth Science, which will be used halfway through trimester 1. The book is also available to view online, so be on the lookout for a handout with this information. You may choose to check out a textbook as needed. I will provide books in class.

## **Students need to bring these items to class everyday:**

- *1 ½ inch 3-ring binder*
- *Pencil or pen*

## Grading

In order to be successful in this class, students will need to study hard for tests, complete labs on time, and complete assignments on time – which include notes and vocabulary. Notes and vocabulary will be due on the day we take a test on that material.

As you see below, assessments are very important in science. Your grade is based on what you ACTUALLY know. Retakes **MUST** be done on any Learning Targets you have not passed.

**Grades will be broken down as follows:**

- *Classroom Assessments* – 70%
- *District Assessment* – 10%
- *Projects* – 15%
- *Labs and other assignments* – 5%

90 – 100%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
0 – 59%	F

### **Pretests, Brain Food and Check-In Quizzes**

**Pretests** – All students will be required to take a pretest before each unit to determine what they already know. This prevents boredom and provides enrichment opportunities!

**Brain Food** – If a student passes a Learning Target on the Pretest they will have an opportunity to do Brain Food! Brain Food incorporates different kinds of enrichment for students who have already mastered the material currently being taught. They will do Brain Food **instead of** notes and vocabulary as long as the work is done well. Keep the Brain Food in your binder, it will be checked in place of your vocabulary and notes.

**Check-In Quizzes** – Each Learning Target will have a Check-In Quiz. Check-In Quizzes are not graded but will tell the student what they still need to learn and helps the teacher reteach the student before the unit test.

### **Rules and Policies**

- Respect all people and property. This includes cleaning up after yourself and helping to keep our lab materials organized.
- You must bring your 3-ring binder and a pencil or pen to class EVERYDAY!
- Your parents will be called if you do not turn in your work on time.
- If you are absent, you must check the assignment calendar to the right of the daily agenda and retrieve the assignment from the extras bin if necessary. It is not my responsibility to tell you to do this. I will answer any questions you have about what you missed *after* you have checked the calendar. You have as many days as you were absent to make up the assignment.
- I WILL be handing out referrals to anyone who is tardy to my class 4 times. I am keeping track.
- You will receive one warning if you have an electronic device out in class without permission. After your one warning, you will receive a referral. Again, I am keeping track.
- You may not line up at the door to wait for the bell to ring, please stay by your seats until the bell rings.
- Our class time is very limited and very valuable, so passes out of class will be restricted.

**We will have a great year! Mrs. Bahn ☺**