Introduction

- Go over Class Information
- Student Interviews: Interview another student in the class, preferably someone you do not know or know well and record the following information on an index card
  - Name
  - Previous Earth Science courses
  - Word association with "geology"
  - Memory of middle school earth science
  - Give two answers to the question "Why do we need to study the Earth?"
- Course Objectives: Why do we need to teach students about the earth?
- Syllabus: Overview of topics to be covered in this class.

In Class Exercise

Discovering Plate Boundaries - Part 1

Material for exercise - Discovering Plate Boundaries developed by Dale Sawyer at Rice University [http://plateboundary.rice.edu/intro.html](http://plateboundary.rice.edu/intro.html)

This exercise is an excellent example of learning by observation and description. It requires no prior knowledge of plate tectonics. It a good starting point for any introduction to earth science.

Homework

You will be assigned one of the websites below. Browse the site and then write a short, (200-300 word) synopsis of the website contents stressing any useful lesson ideas (for what grade level?), teaching techniques, or instructional images. Email your synopsis to me (mille066@umn.edu) before next week's class (preferably as a Word or pdf attachment). I will compile the summaries into an annotated web-ography that will be distributed to the whole class. (10 pts)

Plate Tectonic websites

2) Smithsonian Inst (This Dynamic Earth Map) - [http://www.volcano.si.edu/tdpmap/](http://www.volcano.si.edu/tdpmap/)
4) UC-Berkley - [http://www.ucmp.berkeley.edu/geology/tectonics.html](http://www.ucmp.berkeley.edu/geology/tectonics.html)
5) Univ of Texas at Austin - [http://www.scotese.com/](http://www.scotese.com/)

Extra Credit: (5 pts)
Google “plate tectonics” and describe a site not on this list.