**Inquiry Into Earth & Space Science**

**Week 1**

Welcome!

Chapter Questions (Week 1) 1.1, 2,4,8,9,10,13,15

Chapter 1: Checkpoint questions and personal reflection

**Due at the beginning of class on Friday (8AM)**

**-typed and delivered in person OR via e-mail.**

**Monday –**

Intro. Gallery walk and discussion (the are you geoexperienced handout)

Activity 1: Scientific observations

**Wednesday –**

Activity 2: Science (gallery walk) and group discussion regarding the scientific process

 A. What is the Scientific Method/Process?

 B. List the roles Earth Science play in society.

 C. Science is a collection of facts.

 D. Is uncertainty in science a bad thing?

 E. Science and technology can solve all of our problems.

Web site of significance = [www.understandingscience.org](http://www.understandingscience.org)

Pair up in groups of 2 -

Compare and contrast the total group responses to the website’s tabs

 A. What is science?

 B. How science works!

**Hand in Today**: Record your answers within your two person group

Homework: Within your group of two pick one common misconception that was NOT previously discussed.

 1st Honestly answer the question (one paragraph)

*2nd Read and summarize the statement given by the website*

*3rd Write a brief discussion, comparing your first and second paragraphs*

Write a one page (3 paragraphs) document and bring it on Friday.

Debriefing for Monday’s debate (from groups)

Creating a Geopolitical debate:

Question:

*Should the United States continue to use petroleum for its primary energy source after the year 2012?*

Participants in the debate – Your choices

1. Petroleum geologist

2. Paleontologist

3. Environmentalist

4. Environmental scientist (Air quality)

5. The Federal Government

 a. President

 b. Chief financial officer

 c. Chief science advisor

 d. Secretary of state

20-25 minutes to prepare (use the Macbooks, textbooks, handouts, etc.)

Each group will have 2 to 3 minutes to address their position on the question.

A debate will then begin…Chad will be the moderator…

Try to include what you have been working on throughout the week

 1. The Scientific Process

 2. The role of Science in society

 3. Why is Science important?

 4. Have fun and be courteous to your fellow classmates!

Friday – Discussion