

Guided Notes: 8/28/2018

The Scope of Earth Science

Subcategory	Focuses of Study	Explanation/Definition
Astronomy	1. _____ 2. Planetary Science	
Meteorology	1. Climatology 2. Atmospheric Chemistry	
Geology	1. Paleontology 2. Geochemistry	
Oceanography	1. _____ 2. Marine Geology	
Environmental Science	1. _____ 2. Environmental Chemistry	

What is the difference between Earth Science and Environmental Science?

What are the steps to scientific method?

Purpose		Research	Hypothesis	Experiment		
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What is a good mnemonic device to remember the scientific method?

1. _____
2. _____

What makes a good hypothesis?

1. It has _____ variables
2. It must be _____. You have to be able to _____ in order to see if there is a relationship.
3. It must be _____. You need to be able to see a _____ (qualitative result) OR you need to be able to measure it. (quantitative result).

What is the difference between a theory and a law?

Scientific Theory	Scientific Law
Information:	Information:

Ex:

Ex:

Earth 'Spheres' Brainstorming Map: