

Earth System Spheres and Interactions

Geology/Earth Science

Mr. Traeger

Name: _____ Period: _____ Date: _____

Part 1: Earth System Spheres

1. Name 15 examples from Mr. Traeger's Summer Vacation slide show that show a relationship to a sphere. You should do 3 examples for each sphere.

Sphere	What does this sphere have to do with?	Give an example of this sphere from Mr. Traeger's slide show
Geosphere		
Geosphere		
Geosphere		
Hydrosphere		
Hydrosphere		
Hydrosphere		
Biosphere		
Biosphere		
Biosphere		
Atmosphere		
Atmosphere		
Atmosphere		
Exosphere		
Exosphere		
Exosphere		

Part 2: Earth System Interactions

1. Give examples below of 15 *interactions* between spheres that you noticed from Mr. Traeger's slide show.

Sphere 1	Sphere 2	Interaction between these spheres

Part 3: Short Essay for Geology

John Muir, a naturalist who lived from 1838 to 1914, wrote the following. **"When we try to pick out anything by itself, we find it hitched to everything else in the Universe."** Explain this quote in a short essay by using examples from the slide show. Allude to how humans fit into this quote? How are we hitched to the Universe?