**Earth Science Final Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Blk: \_\_\_\_**

Be a life-long learner. Never stop asking questions.

**“I have no special talent. I am only passionately curious.” – Albert Einstein**

**Step 1:** Choose an earth science subject (a thing, feature, process, event, location).

**BIG IDEAS IN EARTH SCIENCE**

|  |  |  |
| --- | --- | --- |
| **Astronomy**-Big bang theory-Stars and the Sun-Solar system and planets-Earth formation-The moon-Space exploration | **Earth’s Materials**-Minerals and metals-Rock cycle, magma, sediments-Igneous, sedimentary, metamorphic rocks-Mining, gold, copper, diamonds, silver-Fossil Fuels, coal, oil, natural gas | **Climate Change and Atmosphere and Ocean**-Alternative energy, solar, wave, wind, geothermal, nuclear-Climate change, sea level rise, ice melting-Hurricanes, tornadoes, storms, lightning-Atmosphere layers and weather-Ocean currents, sea floor structure  |
| **Surface Processes**-Erosion-Landslides and avalanches-Glaciers and icebergs-Rivers, groundwater, wind-Canyons, cliffs, waterfalls | **Geological Time**-Dating rocks-Fossils and prehistoric creatures-Time periods and Earth history-Evolution and extinction-Human evolution | **Plate Tectonics**-Earthquakes-Volcanoes-Mountains, ridges and trenches-Plate boundaries-Earth layers |

Your SUBJECT

**Step 2:** Come up with **5 questions** about the subject.

Question 1:

Question 2:

Question 3:

Question 4:

Question 5:

**Step 3**: Research your questions!

**Step 4**: Make a 5 page slide show.

* **One question per slide**. Write the question on the slide.
* Must include one or more images that explain the question.

*Planning! Sketch out a storyboard of images you want for your slideshow…*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

**Step 5**: Make 5 flash cards.

* One question and the answer on each flash card.
* Use these when you present.

**Final Step:** Present your questions and answers to the class.

* Use the slide show and your flash cards.
* 2-3 minutes long.
* At the end, ask for questions from the audience!

**Presentations will happen on the last day of classes**

 Block 2 = Monday June 19th (12:15 – 3:00)

 Block 8 = Thursday June 22nd (12:15 – 3:00)