**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**

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| **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…*

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**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)