

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade Level: \_\_\_\_\_

School: \_\_\_\_\_

**Earth Science Exhibit Hall Worksheet**

Look at the geologic cross section on the wall (Green background next to the Concave/Convex mirrors).

1. The land underground shows a fault, which displaced the land. Look at the surface and explain how this fault affected the surface of the area.
2. Describe how the different rock layers are ordered by age. Are the oldest at the top or bottom? How do you know?
3. Explain how laccoliths form. How is it different from a volcano?

Go into the rock tunnel.

4. Compare how the intruded granite sample is different from the country rock. (Discuss grain size, color, texture, etc).



5. Using the signs, draw a normal and reverse fault in the table below:

Normal Fault	Reverse Fault

Look for the table with fulgurite samples (adjacent to the fossil table).

6. Fulgurites are natural glass formations. Create a prediction for why these formations are black, and not like the clear glass we use on windows.

Move to the Earthquake station next to the fulgurites.

7. Try to build a house-like structure that can withstand an Earthquake. Sketch your structure below before starting the earthquake!

Sketch of your structure:	Was your structure able to survive the earthquake?

