

Name: _____

Date: _____

Grade Level: _____

School: _____

Earth Science Exhibit Hall Worksheet

Look at the geologic cross section on the wall (Green background, back behind the space shuttle).

1. What geologic features do you see in this cross section?
2. Explain why the layers are not completely straight and even. What processes caused them to be tilted and disconnected?

Go into the rock tunnel.

3. Read about acid mine drainage and describe how humans can be negatively impacted by it.
4. Describe why some minerals glow under UV light. Explain the chemical process.



Find the Eocene Fossils in the biology area.

5. Observe the different life forms from the Eocene in the collection of fossils. Based on the features you observe, what can you infer about the environment that these organisms lived in?

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

6. Read about fulgurite and explain how weather can change the surface of Earth. Would you classify this process as weathering and erosion? Support your response with reasoning.

Look at the 3 columns of sediment.

7. Before you flip the columns over, predict which column water will flow through the fastest. Explain the reasoning for your prediction.
8. Flip the columns over. Was your prediction correct?

