

Learning Activity

Title: Identifying landforms evaluation exam

Curriculum: Earth Science

Grade level span: 8th grade or 9-12

Purpose: Final evaluation of Science standard

III Earth and Space Science

A. Earth Structure and Processes

The Student will identify Earth's Composition, structure and processes.

Benchmarks 1,2,3,4,5 & 6

NETS performance or ISTE Standards covered 1, 3 and 4

Activities:

- Prior to this evaluation the students should have studied the following areas in Earth science:
 - Plate Tectonics
 - Deformation of the Crust
 - Minerals of the Earth's crust
 - Rocks – the rock cycle
 - Weathering and Erosion
 - The Rock record – principles of uniformitarianism
- During the study of these chapters, the students will be required to either take pictures of landforms in our local area or find pictures on the web; and describe how they formed, what types of rocks and other information about that landform and present their project to the class in a power point presentation.
 - Their presentation should consist of a min. of 5 slides including:
 - information on where the landform is located,
 - how it was formed,
 - a description of that particular process takes place in the earth
 - additional information as needed to help describe their slide
- As a final evaluation of the unit the students slides will be used in a powerpoint test. See attached power point example.

Tools and resources:

Digital camera or access to the internet to search out pictures, a good website is: <http://geoweb.berkeley.edu/Geoimages/Johnson/landforms> You will need Microsoft power point software and any software need to download pictures from your digital camera or a scanner to scan pictures. Often student's vacation pictures will show some good landforms from more distant areas.

Assessment:

Students presentations will be grades based upon descriptions of landform and it's formation. Explanation of how the earth building process took place. Each presentation should have a minimum of 5 slides plus the picture of the landform

The evaluation of their test will consist of how well they can describe the landform process or other information about the slides presented
We are currently working on a rubric for grading

Credits:

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Physics, Chemistry and Earth science

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Life science, Earth science, biology, environmental science

Comments: We have not used this activity yet but plan to.