

Weathering, Erosion, and Deposition Digital Portfolio

Due Date: Tuesday, 11/14/17

We can see the effects of weathering, erosion, and deposition all around us. From potholes in our roads to the landscapes found in Crowders Mountain State Park, there is abundant evidence of weathering, erosion, and deposition. In this project, you will apply your understanding of these three concepts by creating a visual portfolio.

Objective: To document evidence of weathering, erosion, and deposition **in our area**.

Guidelines:

1. Your portfolio will be in a digital format using Google Slides.
2. You must include **FIVE** photos in your portfolio that represent specific landforms or processes that we have studied throughout the weathering, erosion, and deposition portion of this unit.
3. At least **THREE** of the photos must be taken by you. The remaining pictures can be taken from the internet, however, they must be pictures that were taken **in Eastern United States**.
4. You need to include at least **ONE** landform/process from each column of the Landforms and Processes Table on the reverse side.
5. Be sure to include a Cover Page slide that includes:
 - a. A title of your digital portfolio
 - b. A relevant photograph
 - c. Your Name, Class Period, Date
6. Your final product should be shared with your teacher.

Organization:

For each slide in your digital portfolio, you need to include the following:

- **TITLE** (of the landform or process shown in your photo)
- **PHOTOGRAPH** (of landform or process)
- **LOCATION, DATE, & SOURCE** (if you took the picture, you are the source; if found online, include the website)
- **DESCRIPTION of the process or landform shown** (in 2-3 sentences): Explain the process/feature and if it's an example of weathering, erosion, or deposition.

Grading:

- 50 point application assignment based on the requirements described above.

See the template and the Landforms and Processes Table for more information to help you!

TEMPLATE (Use this to help organize your digital portfolio and each slide):

(Name of Landform or Process)



Location: *Where the photo was taken.*

Date: *The date the photo was taken.*

Source: *Your name if you took photo; Website if found online.*

Explanation: *Explain the process/feature and if it's an example of weathering, erosion, or deposition.*

LANDFORMS AND PROCESSES TABLE:

WEATHERING / EROSION / DEPOSITION		
ice wedging (freezing & thawing)	slump	sand dunes
plant growth	evidence of creep	kettle
abrasion	evidence of a landslide	erratic
animal actions	evidence of a mudslide	moraine
oxidation (rust) on rock	deflation	topsoil
evidence of chemical weathering	contour farming	bedrock
shelter belt	strip cropping	soil horizons

****If there are other landforms or processes not included in the list that you feel would be appropriate to include, see your teacher!****