

Name: _____ Period: _____ Due Date: _____

Weathering and Rocks (7.2.5, 7.2.6, 7.2.7)

Assignment Menu

- ✓ Apply your knowledge of weathering as you complete **3** assignments.
- ✓ You must pick from TWO different levels (unless all three are from "Level 3").
- ✓ Use the downloaded text, your notes, and the Internet to help you complete these assignments. (And of course, your very creative minds!)
- ✓ You are responsible for all extra materials and supplies.
- ✓ Most choices can be completed digitally OR on paper.
- ✓ Writing matters! You are expected to write in complete sentences, spell correctly and follow grammar, punctuation, and capitalization rules, etc. when necessary.
- ✓ Several of these choices can be presented to the class.

ALL:

- Rock Shake Investigation
- Close reading of "Weathering and Rocks"
- Cornell notes of "Weathering and Rocks"
 - Weathering Walk Activity

LEVEL 1:

A. Review and Reinforce – Rocks and Weathering Chapter Summary and Worksheet

- Use your text and notes to help you answer questions.
- Read and answer questions out loud to make sure they make sense.
- Mark where you found the answers on the summary on the back. (For example, next to where you find the answer for question 1, write "Q1.")

B. Weathering Graphic Organizer

- Fill out the organizer using the word bank.
- Draw or add pictures of each type of weathering to enhance the diagram.

LEVEL 2:

C. Weathering and Rocks Concept Map or Top-Down Chart (visual)

- Organize what weathering and erosion are into a concept map or a top down chart (or some other graphic organizer.
- Classify the different types of weathering as mechanical or chemical.
- Include pictures AND explanations and/or descriptions.

D. Weathering and Rocks Flash cards (visual or tactile/kinesthetic)

- Create flash cards on index cards or using an app like Quizlet.
- Include pictures or diagrams.
- Write definitions or descriptions of each specific type of weathering.
- Classify each type as mechanical or chemical.

E. Weathering Venn Diagram

- Create a Venn diagram (or another type of graphic organizer) to compare and contrast THREE specific forms of weathering.
- Use complete sentences.
- Include pictures or diagrams to illustrate the similarities and/or differences.

F. Weathering Collage

- Create a visually pleasing collage of at least 5 images of different types of weathering. This will be completed on actual paper or a poster.
- Be sure to include both mechanical and chemical weathering examples.
- Use printed pictures from the Internet or magazine pictures. Make sure you are using color so that details show up! (Use no more than TWO pictures from the Internet.)
- Write at least one sentence for each picture explaining why each picture demonstrates that type of weathering.

LEVEL 3:

G. Weathering Vacation

- Research real life places in Indiana, the United States or even the world that have been **formed by weathering**. Pick the place that is the most interesting to you.
- Create a brochure, slide show presentation or a poster (like a billboard) in the format of your choice to persuade a person to visit this location.
- Describe the location and the type of weathering that formed this place. If possible, explain HOW weathering changed the landscape of the area you picked.
- Include pictures and a map showing the location.

H. Weathering Haiku/Poem

- Write a haiku about weathering.
 - Each poem or part has three lines.
 - The first and third lines have 5 syllables.
 - The second line has 7 syllables.
- If you choose a different poem type, you must get it approved by me first.
- The poem must demonstrate your knowledge of weathering. You should have at least two to three poems – chose your words wisely!!!
- Include at least one illustration to support each part of the poem, for a total of 2 or 3 illustrations.

I. Weathering Model or Demonstration

- Create a model or demonstration to show (in action!) a specific form of weathering.
- Show the process of the type of weathering you chose.
 - Video the process that is modeling weathering. Include a written script for what you are saying or explaining, etc.
 - Create slide show or poster showing the steps. Include pictures to go with each step.
- Write a comparison to show how this model or demonstration related to the form of weathering you chose.

J. FREE CHOICE:

- You must get my approval for an assignment or project of your choice.

We will decide the criteria together. Record it here:

- _____
- _____
- _____
- _____
- _____

ASSIGNMENT CHOICE LETTER	Was all <u>criteria</u> met?	Was the assignment <u>neat</u> ?	Was proper spelling, grammar, punctuation, etc. used?	Was the information included correct and accurate? (2x)
	3 2 1 0	3 2 1 0	3 2 1 0	6 4 2 0
	3 2 1 0	3 2 1 0	3 2 1 0	6 4 2 0
	3 2 1 0	3 2 1 0	3 2 1 0	6 4 2 0
TOTAL				/45

KEY:
3- Complete and correct
2 – mostly complete and/or correct
1 – very little complete and/or correct
0 – not complete or correct