**3.3 Weathering Choice Board**

* Use your Earth Science textbook for reference. Read pages 126-132.
* Complete **Four (4) sections** of the Choice Board below. You may omit two (2) choices.
* Staple all your work together with this page **ON TOP**. Mark the activities you did not choose with an X. This will be collected for a grade.

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| Explain Unloading (p. 128) in at least 3 sentences and draw a picture. | Explain Biological Activity (p. 128) in at least 3 sentences and draw a picture. | Explain Chemical Weathering (p. 129) in at least 3 sentences and draw a picture. |
| Explain Frost Wedging (p. 127) in at least 3 sentences and draw a picture. | Write a poem, song or rap explaining the difference between chemical and physical weathering | Draw a cartoon or comic strip showing ALL aspects of the rock cycle. |
| Explain how climate can affect rate of weathering in at least 3 sentences. | Make a table showing the three types of rocks, where they can be found, and examples of each. | Write a letter to an alien explaining the process of weathering and how he could find evidence of it on his planet. |

If you finish before the bell, complete the following questions for bonus points.

1) What happens to a rock during mechanical weathering? During chemical weathering?

2) What are different ways that Earth’s surface can be mechanically weathered?

4) Think about the following processes: dissolving a piece of rock salt in a pan of water and grinding a peach pit in a garbage disposal. Which process is more like mechanical weathering and which is more like chemical weathering?

5) Would a limestone building weather more rapidly in Homer, Alaska, or in Honolulu, Hawaii? (Both cities receive about the same amount of precipitation in an average year.) Explain your reasoning.