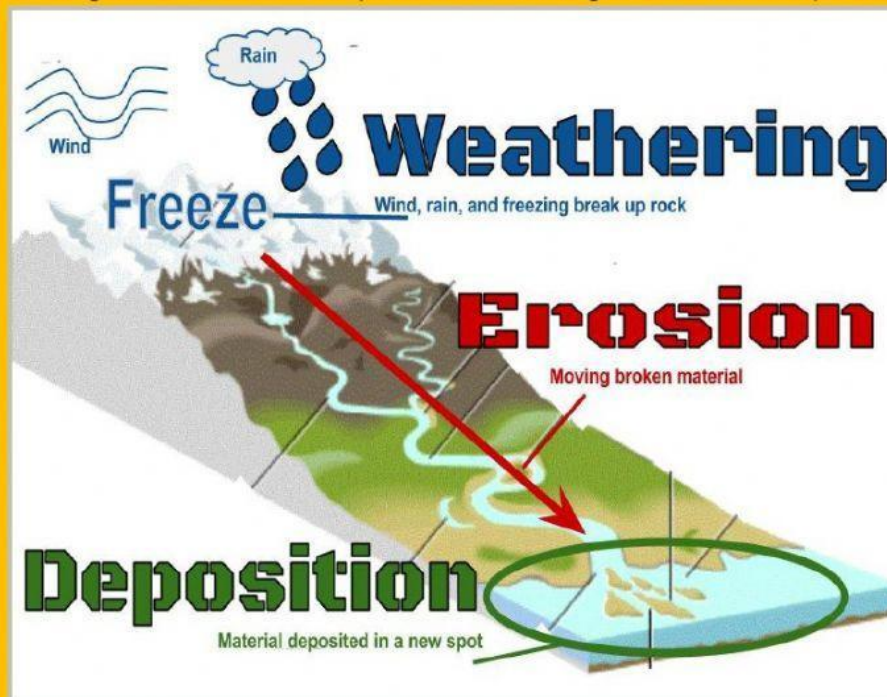


# WEATHERING, EROSION, & DEPOSITION

The diagram below shows aspects of weathering, erosion, and deposition.



1. "Changes on the Earth's surface can be gradual or rapid."

Name an event that causes rapid changes on the Earth's surface.

2. Using the words stated above, write the correct response for each of the following statements.

- I. The moving of broken rocks and soil  
From one place to another.

\_\_\_\_\_

- II. The wearing away or changing  
Of rocks into smaller pieces.

\_\_\_\_\_

- III. The carrying of weathered material  
(rocks or soil) to a new location.

\_\_\_\_\_

3. "Water is an agent of weathering." Choose **TWO** of the following that are **NOT** agents of weathering.

plants

rock

soil

water

4. Destiny was walking on the beach and she saw a large sand hill that was formed naturally.  
Explain one way the hill may have been formed.

5. Complete the table below by matching the term in **COLUMN A** with its definition in **COLUMN B**.

| <b>COLUMN A</b> | <b>COLUMN B</b>                                                         |
|-----------------|-------------------------------------------------------------------------|
| <b>TERM</b>     | <b>DEFINITION</b>                                                       |
|                 | A vibration or shaking of the Earth's crust.                            |
|                 | Melted rock found within the Earth's.                                   |
|                 | A tool used to measure an Earthquake.                                   |
|                 | A break in the crust along which rocks move.                            |
|                 | A mountain that forms when melted rock flows through the Earth's crust. |
|                 | A tool used to measure temperature.                                     |
|                 | Melted rock that reaches Earth's surface.                               |

6. Choose the words that help complete the following comparison below.

\_\_\_\_\_ that measure 1 on the \_\_\_\_\_

cause \_\_\_\_\_ damage, however, Earthquakes that

measure 7 or 9 on the Richter scale can cause

\_\_\_\_\_ including \_\_\_\_\_.