

Name _____



Weathering-Erosion-Deposition Flowchart

Instructions: Below are steps describing how a rock can transform and travel over time. The steps are **scrambled**.

Your task is to **put them in the correct order** from the very first stage (intact rock) to the final stage (new landform formation). Write numbers **1-8** in the blank before each step to show the correct sequence.

___ Sediment is dropped when the transporting force loses energy.

___ Wind, water, ice, or gravity move the weathered rock particles to a new location.

___ Over time, the deposited sediment can form new landforms such as sandbars, deltas, or beaches.

___ Rock is exposed to agents like water, air, and temperature changes.

___ Physical and/or chemical processes break rock into smaller pieces.

___ Organic material (plants, shells, or dead organisms) can mix with the deposited sediment.

___ The broken pieces are light enough to be carried away.

___ These changes may take place over hundreds, thousands, or even millions of years.

Bonus Challenge

Name **two real-world examples** of landforms created primarily by deposition and explain in one sentence how they formed.

1.

2.