

Learning Target: I can describe and explain how water plays a vital role in both weathering and erosion.

Shaping of Earth's Surface Interactive

Part 1: - Match the term with its correct description.

| | | | | |
|-----------------------------|----------------------------|-------------------|-------------------|-------------------|
| Constructive process | Destructive process | Weathering | Erosion | Deposition |
| Landform | Surface feature | Volcano | Earthquake | Seismology |

1. Processes that destroy landforms (weathering, erosion, earthquakes...) _____
2. An opening in the Earth's crust through which lava, ash, and gases erupt. _____
3. When rocks or particles of soil or silt are carried from one location and placed in another, usually by moving water or wind. _____
4. Processes that create landforms (deposition, volcanic eruptions, floods...) _____
5. The breaking down or dissolving of rocks and minerals on the surface of the Earth. _____
6. The study of earthquakes and seismic waves that move through and around the Earth. _____
7. A natural feature of the Earth's surface. _____
8. The geological process in which tiny pieces of Earth's surface are worn away and transported to different areas by natural forces such as wind or water. _____
9. An intense shaking of Earth's surface caused when two blocks of Earth suddenly slip past one another releasing tremendous amounts of energy. _____
10. The result of constructive and destructive forces shown on the surface of the Earth. _____

Part 2: Determine whether the following are **slow constructive forces, quick constructive forces, slow destructive forces, quick destructive forces, and/or constructive and destructive forces**. You can choose more than one answer.

11. Volcanic eruption _____
12. Canyon _____
13. Deposition _____
14. Weathering _____
15. Erosion _____
16. Mountains _____
17. Hawaiian Islands _____
18. Valleys _____
19. Tsunamis _____
20. Sand dunes _____
21. Earthquakes _____
22. Deltas _____
23. Landslides _____
24. Floods _____