

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

- Processes that destroy landforms (weathering, erosion, earthquakes...) _____
- An opening in the Earth's crust through which lava, ash, and gases erupt. _____
- When rocks or particles of soil or silt are carried from one location and placed in another, usually by moving water or wind. _____
- Processes that create landforms (deposition, volcanic eruptions, floods...) _____
- The breaking down or dissolving of rocks and minerals on the surface of the Earth. _____
- The study of earthquakes and seismic waves that move through and around the Earth. _____
- A natural feature of the Earth's surface. _____
- 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. _____
- An intense shaking of Earth's surface caused when two blocks of Earth suddenly slip past one another releasing tremendous amounts of energy. _____
- 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.

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| 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 _____ |