## **Gameboard** Cards

Geological Proces:

Geological Process

**Geological Process** 

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Earthquake Card A 3.2 earthquake caused uplift in your area. Add 4 units to your mountain.

Geological Process

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**Geological Process** 

**Geological Process** 

Landslide in your area from heavy rain. Remove 2 units from your mountain.

uplift in your area. Add 6 units to your mountain.

Earthquake Card

A 7.0 earthquake caused

Landslide in your area eroded an entire hillside. Remove 4 units.

Volcanic eruption, molten lava added to your mountain. Add 10 units.

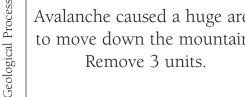
Plate movement has caused uplift – add 2 units.

Avalanche caused a huge area to move down the mountain. Remove 3 units.

Wind and water erosion have removed material from an arch area and it collapsed. Remove 1 unit.

Geologists have just discovered ancient evidence that your area was uplifted. Add 5 units.

A huge plate movement caused immediate uplift. Add 10 units.



Geological Process	A large area uplifted and formed a plateau (or mesa). Add 3 units.	Geological Process	Earthquake Card A 2.2 earthquake caused rockslides. Remove 2 units.
Geological Process	An ancient glacier moved through your mountain causing a U shaped valley. Remove 2 units.	Geological Process	Two plates are moving away from each other creating a valley. Remove 3 units from mountain.
Geological Process	Two plates are pushing together creating a higher mountain. Add 2 units.	Geological Process	<b>Bonus Card (10 units)</b> Because you understand earthquakes, volcanoes and uplift cause a mountain to get bigger.
Geological Process	Earthquake Card A 1.2 earthquake caused very little uplift. Add 1 unit to your mountain.	Geological Process	A river cut between mountains forming a V- shape valley. Remove 2 units.
Geological Process	Avalanche reported. Erosion happened. Remove 2 units.	Geological Process	Wind erosion has been removing soil from the top of the mountain. Remove 1 unit.

Geological Process	A large area uplifted and formed a plateau (or mesa). Add 3 units.	Geological Process	Flash Flood – water removed soil. Remove 2 units.
Geological Process	Tectonic forces are causing your mountain to uplift. Add 2 units.	Geological Process	No weathering, erosion, or uplift has taken place. Your mountain does not change.
Geological Process	Two plates are pushing together creating a higher mountain. Add 5 units.	Geological Process	No weathering, erosion, or uplift has taken place. Your mountain does not change.
Geological Process	Deposition Card Several rivers have carried soil down the mountain from a river. Remove 2 units.	Geological Process	No weathering, erosion, or uplift has taken place. Your mountain does not change.
Geological Process	Deposition Card Several rivers have carried soil down the mountain from a river. Remove 2 units.	Geological Process	Rock samples show that mountain folding has taken place. Add 2 units.