# Vocabulary List for *Volcanoes*

## Main Vocabulary

| Word | Definition | Example Sentence |
|---|---|---|
| Volcano | An opening in the Earth's surface where lava, ash, and gases escape | The volcano erupted suddenly. |
| Eruption | The explosion or release of from a volcano | The eruption covered the land with ash. |
| Lava | Hot melted rock that flows from a volcano | Lava flowed down the mountainside. |
| Magma | Melted rock beneath the Earth's surface | Magma builds up inside a volcano. |
| Crater | A bowl-shaped hole at the top of a volcano | Smoke rose from the crater. |
| Vent | An opening where lava and gases escape | Hot gases escaped through the vent. |
| Ash Cloud | A cloud of volcanic ash released during an eruption | The ash cloud spread across the sky. |
| Cone | The mountain-shaped part of a volcano | The cone grew larger after each eruption. |
| Tectonic Plates | Large pieces of the Earth's crust that move slowly | Volcanoes often form where tectonic plates meet. |
| Crust | The Earth's outer layer | Magma rises through cracks in the crust. |
| Mantle | The hot layer beneath the Earth's crust | Magma comes from the mantle. |
| Earthquake | A sudden shaking of the ground | An earthquake happened before the eruption. |
| Pressure | The force pushing against something | Pressure built up beneath the volcano. |
| Molten | Melted by heat | Molten rock erupted from the volcano. |

| Word | Definition | Example Sentence |
|---|---|---|
| Fault Line | A crack in the Earth's crust | The volcano was near a fault line. |

## Descriptive Vocabulary

| Word | Definition | Example Sentence |
|---|---|---|
| Explosive | Bursting out with great force | The eruption was explosive. |
| Destructive | Causing great damage | Lava can be highly destructive. |
| Fiery | Burning brightly with flames or heat | Fiery lava poured from the volcano. |
| Powerful | Having great strength | Volcanoes are powerful forces of nature. |
| Dangerous | Likely to cause harm | It was dangerous to go near the crater. |
| Active | Likely to erupt again | Mount Etna is an active volcano. |
| Dormant | Not active now but may erupt in the future | The dormant volcano has not erupted for years. |
| Extinct | No longer able to erupt | Scientists believe the volcano is extinct. |

## Action Vocabulary

| Word | Definition | Example Sentence |
|---|---|---|
| Flow | To move steadily like a liquid | Lava flowed towards the valley. |
| Tremble | To shake slightly | The ground began to tremble. |
| Explode | To burst apart violently | Pressure caused the volcano to explode. |
| Collapse | To fall down suddenly | Part of the crater collapsed. |
| Release | To let out | The volcano released gases into the air. |

| Word | Definition | Example Sentence |
| --- | --- | --- |
| Scatter | To spread in different directions | Ash scattered across the landscape. |
| Form | To create or make | New islands can form after eruptions. |