

Finn's Volcano Explorer Flashcards

Learning objective: To identify key terms and processes related to volcanoes and tectonic activity.

Read the front of the card and try to recall the definition. Flip to see if you are correct! These cards will help you understand how our Earth works.

What is the name of the molten rock found beneath the Earth's surface?	What is the name of the molten rock once it breaks through to the Earth's surface?
Magma	Lava
What is the outermost, solid layer of the Earth called?	What do we call the large sections of the Earth's crust that move slowly over the mantle?
The Crust	Tectonic Plates
What is the opening in a volcano through which volcanic materials are released?	What term describes a volcano that is currently erupting or has erupted recently?
The Vent	Active
What term describes a volcano that is not currently erupting but might erupt again in the future?	What term describes a volcano that is unlikely to ever erupt again?
Dormant	Extinct
What is the name of the major area in the basin of the Pacific Ocean where many earthquakes and volcanic eruptions occur?	What is the process called when gas, steam, or lava is forced out of a volcano?
The Ring of Fire	An Eruption
Which layer of the Earth is found directly below the crust?	How do we measure the strength of an earthquake that might be caused by volcanic activity?
The Mantle	By using the Richter scale