

DISCOVERY CLUB



Exploring where your interests can lead you

I am interested in...

VOLCANOES

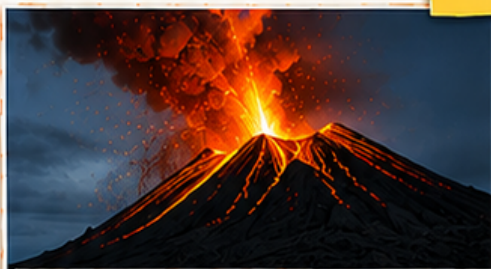


★ There are many features of volcanoes. Here are some of them.

Volcanoes are amazing! They shape our planet and can be powerful and beautiful.



Volcanoes help create new land, beautiful landscapes and fertile soil for plants to grow!



ACTIVE VOLCANO

Active volcanoes are erupting now or have erupted in recent history. They can be dangerous but also create new land.



DORMANT VOLCANO

Dormant volcanoes are quiet for a long time but may erupt again in the future. We keep watching them carefully.



UNDERWATER VOLCANO

Many volcanoes are under the ocean. They can build up islands and create amazing sea life around them.



CALDERA

A caldera is a huge crater left after a volcano erupts and collapses in on itself. It can fill with water and create a lake.



LAVA FLOW

Hot, melted rock called lava flows down the sides of a volcano. When it cools, it turns into solid rock.



ASH CLOUD

Volcanoes can shoot ash, gas and tiny bits of rock high into the sky. Ash clouds can spread far and affect the weather.



DID YOU KNOW?



- ★ There are over 1,500 active volcanoes on Earth!
- ★ Mauna Loa in Hawaii is one of the largest volcanoes in the world.
- ★ Volcanoes can create new land where there was only ocean.
- ★ The hottest lava can be over 1,000°C (1,832°F)!
- ★ Volcanic soil is full of minerals and is perfect for growing food.
- ★ People have lived near volcanoes for thousands of years.



HOT SPRINGS & FUMAROLAS

Lava flows can heat underground water and create hot springs. Fumaroles are openings that let out hot gas and steam.



VOLCANIC ISLAND

Some volcanoes build islands in the sea. Over time, layers of lava create new land for plants, animals and people.



HAZARDS OF VOLCANOES



Lava flows can destroy buildings, roads and forests.



Pyroclastic flows are fast-moving clouds of hot gas and rock.



Ash clouds can make it hard to breathe and cause problems for planes.



Lahars are mudflows that can happen when heavy rain mixes with volcanic ash.



Volcanic gases can be poisonous and dangerous.



Earthquakes can happen before and during eruptions.

What area of geography are you most interested in?



Every interest can lead somewhere!

★ Keep discovering!

★ You can make a difference!

