

Finn's Fiery World: Understanding Volcanoes

Dive deep with Finn the Dolphin and discover the rumbling power beneath our feet!

- **Magma is molten rock found beneath the Earth's surface; once it erupts through a vent and reaches the surface, it is officially classified as lava.**
- **Volcanoes are frequently located along the boundaries of tectonic plates, where the Earth's shifting crust allows molten material to rise from the mantle.**
- **An active volcano is one that has erupted recently or is showing signs of activity, whereas a dormant volcano is 'sleeping' but could erupt again in the future.**
- **Extinct volcanoes are those that scientists predict will not erupt ever again, as their supply of magma has been cut off permanently.**
- **The shape of a volcano is determined by the type of eruption: some form steep, cone-shaped mountains, while others create broad, gently sloping hills.**

Did you know? Did you know that volcanoes don't just form on land? Many of the world's most active volcanoes are hidden deep underwater on the ocean floor, where Finn loves to explore! These submarine volcanoes create new land when the lava cools and solidifies in the cold seawater.

Key vocabulary: Magma · Lava · Tectonic plates · Crater · Vent · Dormant · Extinct · Active