TEACHER'S GUIDE

Listening activities and suggested answers

What Makes a Volcano Erupt?

This version: English | Duration: 9:08 (about 9 min)

Published languages: English, Finnish.

YouTube: youtu.be/18ck97r75J8
Spotify: open.spotify.com/episode/7xCnY7xA53dqpTgLAWSO1i

Introduce the questions before listening. Students write answers after the whole episode. Discuss their answers as a class or in pairs.

Suggested answers are in italics. Accept students' own wording when the meaning is correct.

1 **What is the difference between magma and lava?**

Molten rock underground is called magma. Once it reaches the surface, it is called lava.

2 **How can gas bubbles make an eruption more explosive?**

As magma rises, pressure falls and gas bubbles grow. Sticky magma can trap gas, allowing pressure to build rather than letting it escape easily.

3 **How can an eruption build a new mountain?**

Fragments pile up around an opening. Lava cools into solid rock, and repeated layers make the mountain grow.

4 **Draw two different eruptions**

The drawing or explanation shows gas escaping more easily from runny magma, while trapped gas in sticky magma can increase explosive danger. There is no single correct mountain shape.

Teaching tip: Small circles can represent gas, and arrows can show movement.