

# I Volcanoes

Read about volcanoes. Then label the cross-section, order an eruption and explain.

A **volcano** is an opening in Earth's crust where melted rock, gas and ash escape. Melted rock underground is called **magma**. When it reaches the surface, it is called **lava**.

① Label the volcano. Use the word bank.

**WORD BANK**

ash cloud

side vent

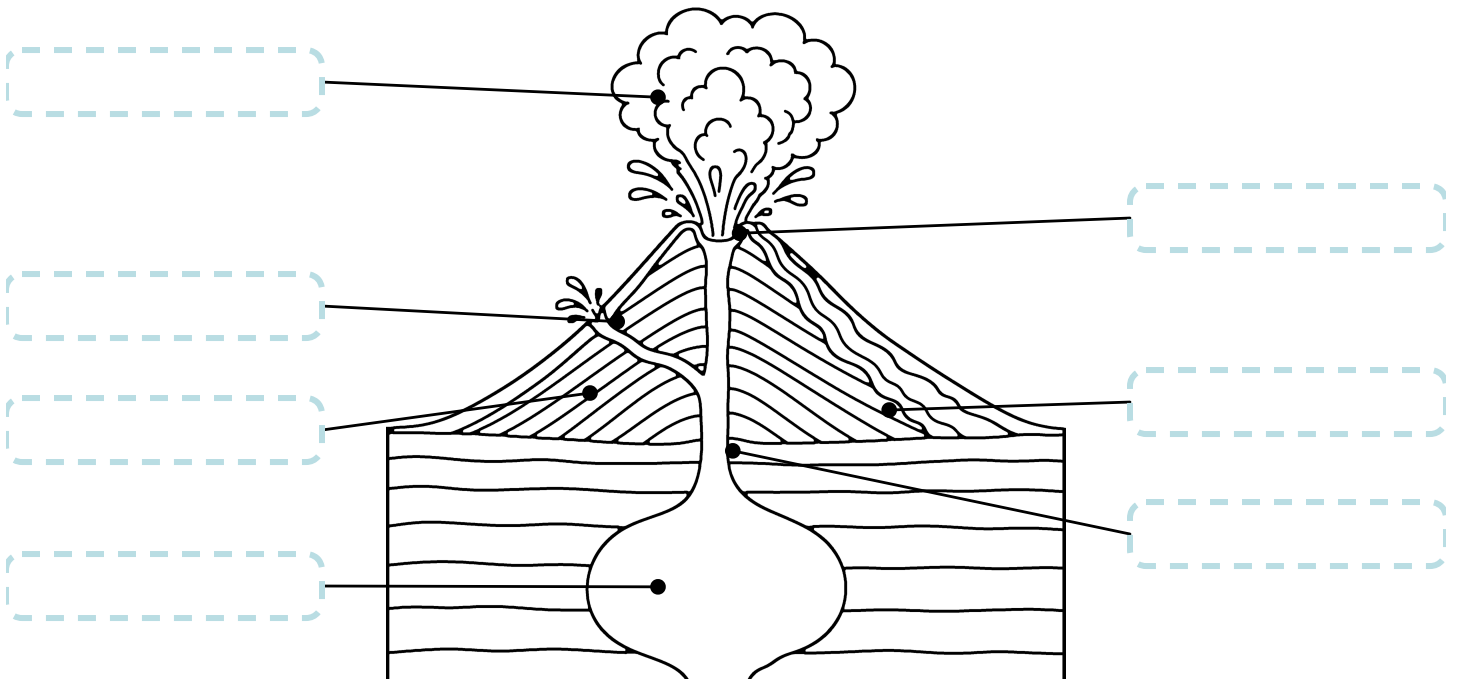
layers of lava and ash

magma chamber

crater

lava

main vent



② Number the steps of an eruption from 1 to 6.

☐

Gas and pressure build up in the magma chamber.

☐

Deep underground, rock melts and forms magma.

☐

Lava, ash and gas burst out of the crater.

☐

Magma collects in a magma chamber under the volcano.

☐

The lava cools and hardens into new igneous rock.

☐

Magma is pushed up through the vent.

③ Explain.

1. This kind of volcano is built of many layers. Where did the layers come from?