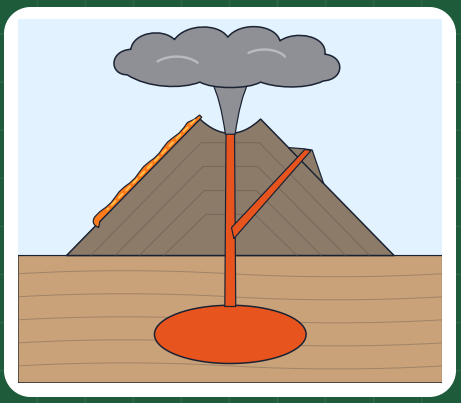
UpOnly Learning

GRADES 3–5 | FREE | ENGLISH

EARTH & SPACE SCIENCE

Label the Parts of a Volcano

Color + black-and-white + separate answer key



What's inside

- 1 student page in color, plus the same page in black and white
- A separate answer key, in color and in black and white
- A teacher page with full source citations
- Original illustrations; every label and answer checked against USGS
- Find more free Earth & Space Science on the last page.

How to use it

- Teach the six parts, then have students label the cutaway
- Science centers, homework, morning work or sub plans
- Students check their work with the separate answer key, or keep the key for grading

About this activity

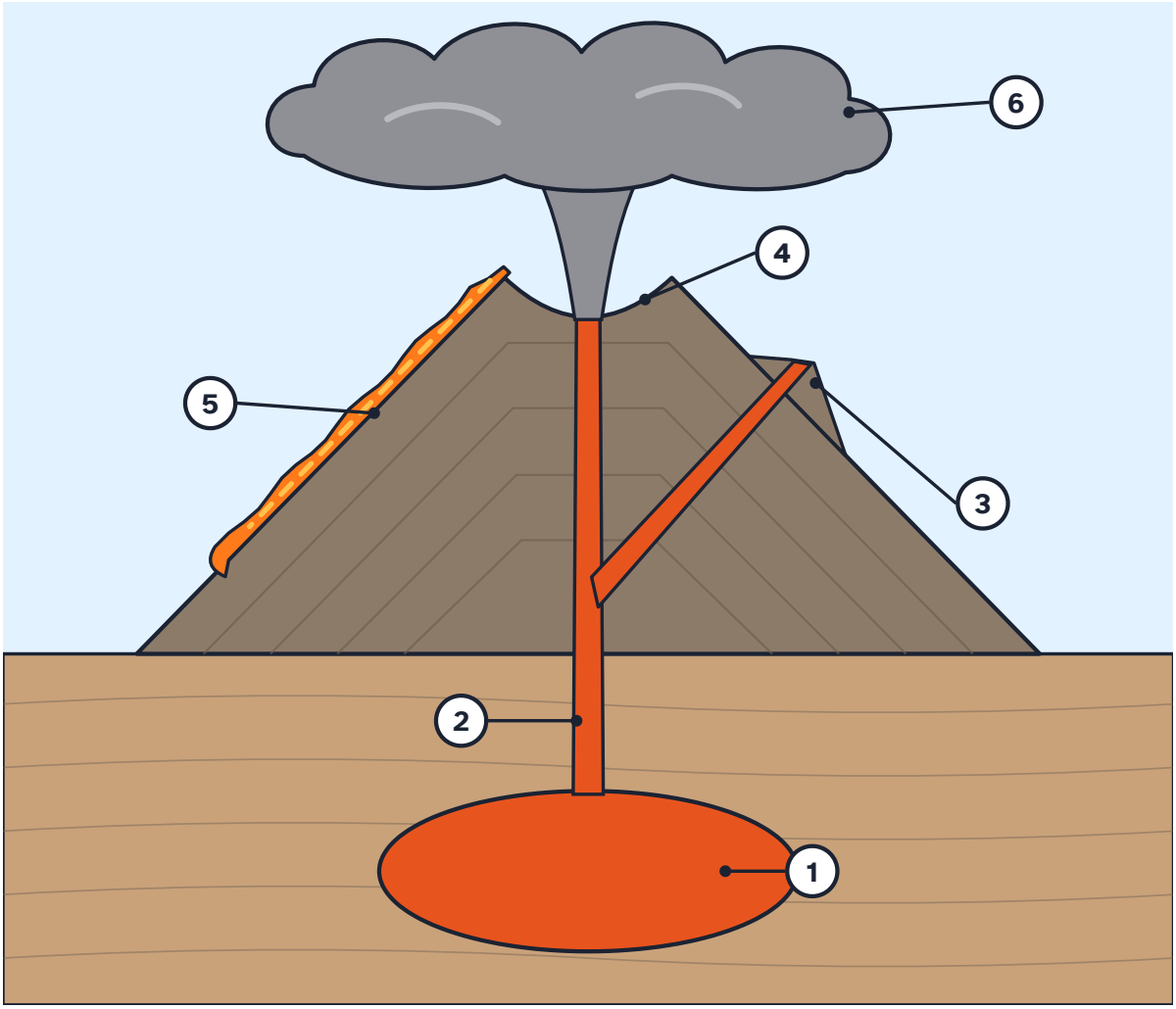
Recommended for Grades 3–5. The cutaway shows a stratovolcano: USGS says stratovolcanoes usually have many vents, some on the sides of the mountain. Not to scale.

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Label the Parts of a Volcano COLOR

Name: _____ **Date:** _____

Write the name of each numbered part on the line. Use the word bank.



1 _____ 2 _____

3 _____ 4 _____

5 _____ 6 _____

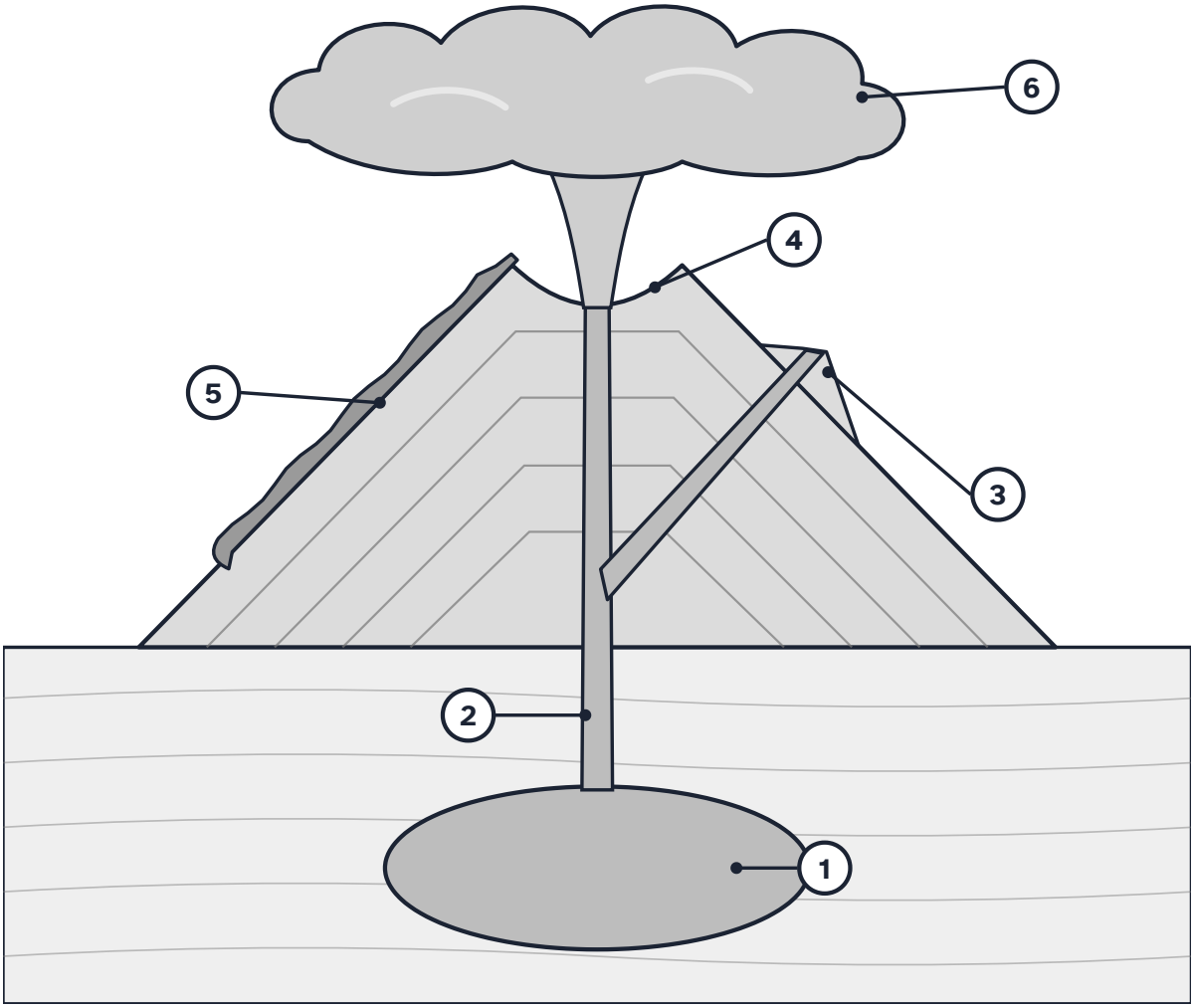
WORD BANK Main vent Magma chamber Ash cloud Lava flow Crater Side vent

Label the Parts of a Volcano

BLACK AND WHITE

Name: _____ **Date:** _____

Write the name of each numbered part on the line. Use the word bank.



1 _____ 2 _____

3 _____ 4 _____

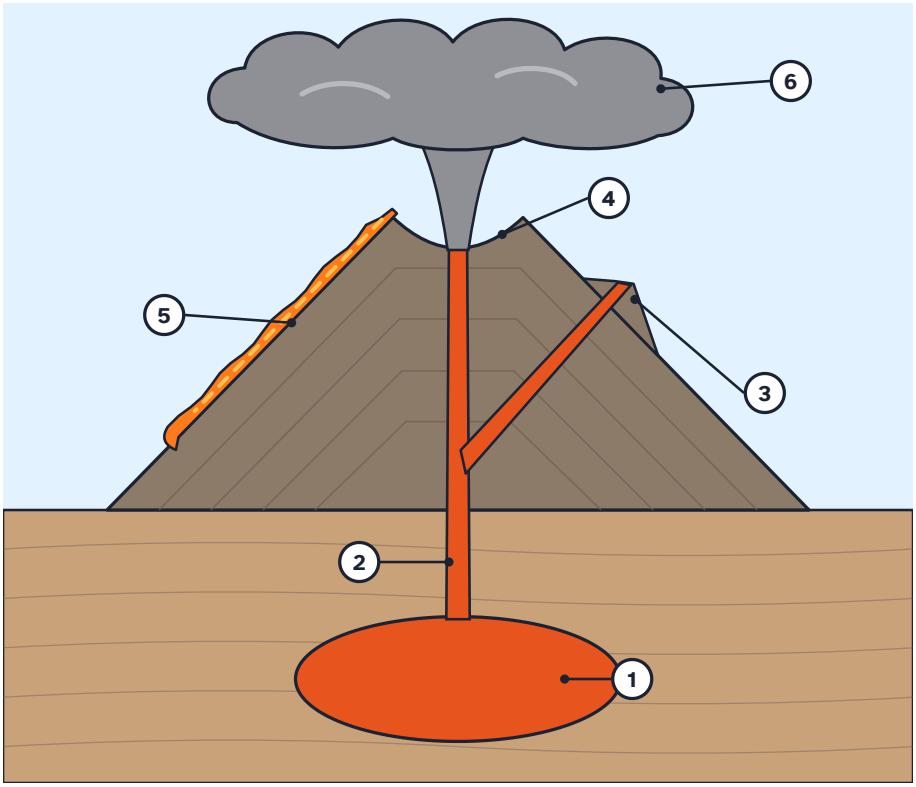
5 _____ 6 _____

WORD BANK Main vent Magma chamber Ash cloud Lava flow Crater Side vent

Answer Key · Label the Parts of a Volcano

COLOR

Keep this page for checking, or cut it off so students can check their own work.



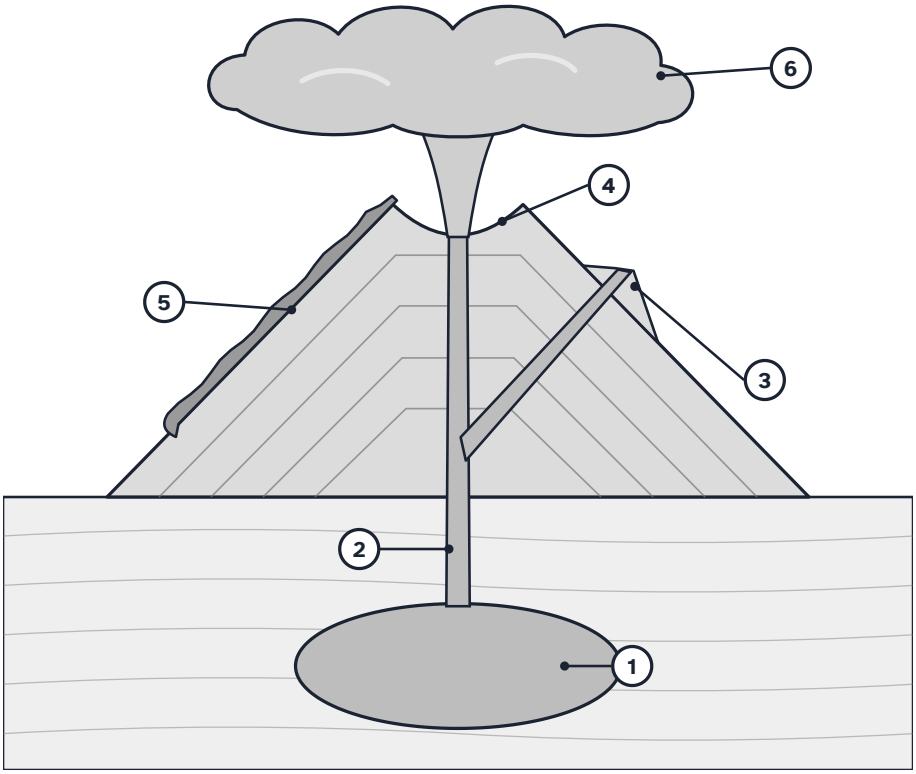
1	**Magma chamber**	Magma weighs less than the solid rock around it, so it rises and gathers in underground pools called magma chambers.
2	**Main vent**	A vent is any opening in the ground where magma or volcanic gas comes out.
3	**Side vent**	A stratovolcano usually has many vents. Some of them open on the sides of the mountain, not only at the top.
4	**Crater**	At the top of many volcanoes there is a bowl-shaped dip called a crater. It shows where the vent is.
5	**Lava flow**	A lava flow is a river of melted rock that spills or creeps out of a vent.
6	**Ash cloud**	An eruption column is the tall tower of gas and rock bits that shoots straight up from a vent. Higher up, it spreads sideways into an ash cloud.

Sources. Facts: USGS. Full citations are on the teacher page.

Answer Key · Label the Parts of a Volcano

BLACK AND WHITE

Keep this page for checking, or cut it off so students can check their own work.



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Sources. Facts: USGS. Full citations are on the teacher page.

Teacher page: sources and notes

Fact sources

U.S. Geological Survey. “How do volcanoes erupt?.” checked 2026-10-26. https://www.usgs.gov/faqs/how-do-volcanoes-erupt
Used for: Magma chamber · t04-chamber

U.S. Geological Survey, Volcano Hazards Program Glossary. “Vent.” page updated 2011-08-16; checked 2026-10-26. https://volcanoes.usgs.gov/vsc/glossary/vent.html
Used for: Main vent · t04-vent-def

U.S. Geological Survey, Volcano Hazards Program Glossary. “Stratovolcano.” page updated 2015-07-08; checked 2026-10-26. https://volcanoes.usgs.gov/vsc/glossary/stratovolcano.html
Used for: Side vent; Stratovolcano · t04-side-vents, t04-strato

U.S. Geological Survey, Volcano Hazards Program. “About Volcanoes.” checked 2026-10-26. https://www.usgs.gov/programs/VHP/about-volcanoes
Used for: Crater · t04-crater

U.S. Geological Survey, Volcano Hazards Program. “Lava flows destroy everything in their path.” checked 2026-10-26. https://www.usgs.gov/programs/VHP/lava-flows-destroy-everything-their-path
Used for: Lava flow · t04-lava-flow

U.S. Geological Survey, Volcano Hazards Program Glossary. “Eruption column.” checked 2026-10-26. https://volcanoes.usgs.gov/vsc/glossary/eruption_column.html
Used for: Ash cloud · t04-column

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