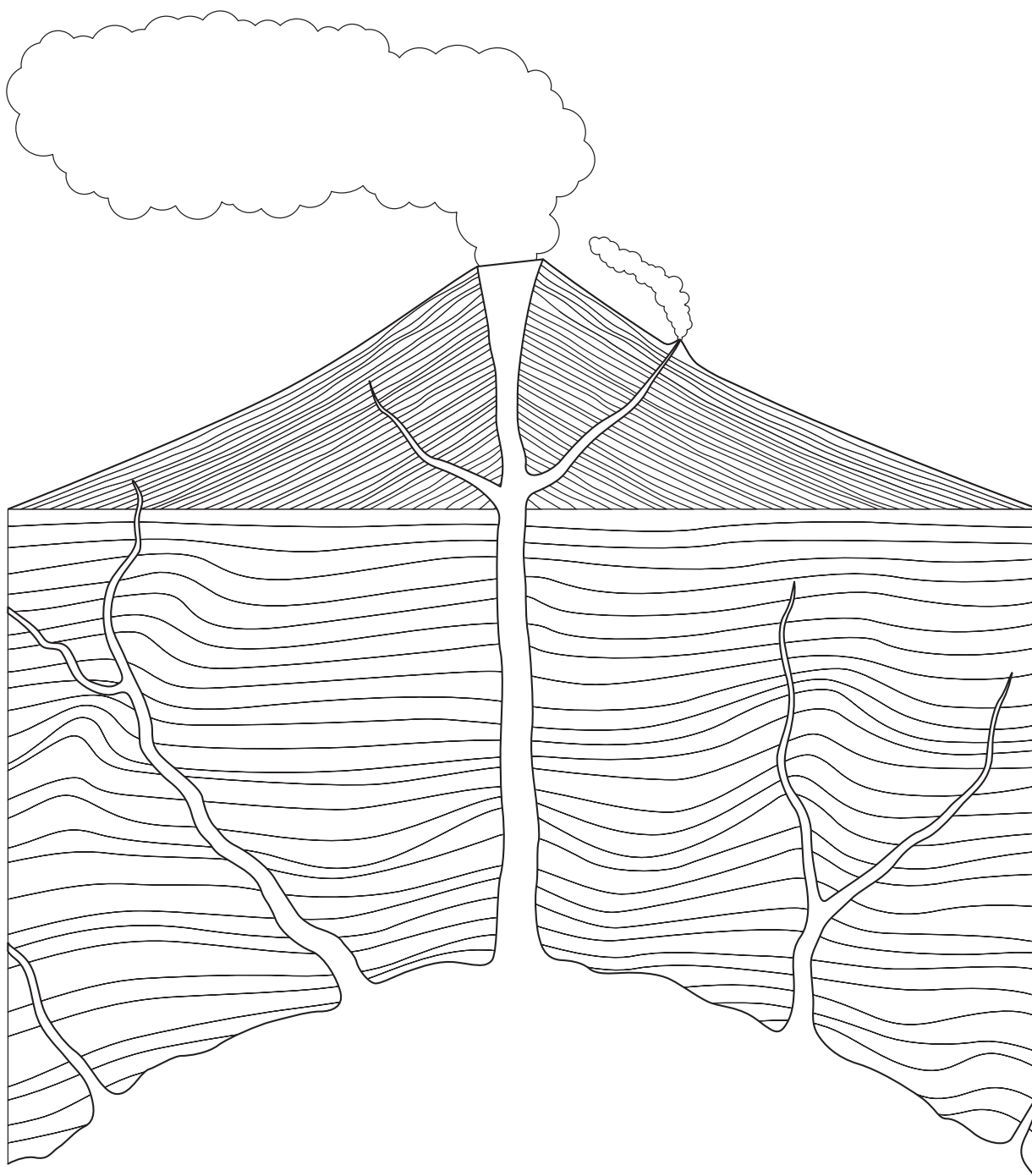


Volcanoes

Most volcanoes are made of a combination of layers of lava and ash.



Q1. On the diagram above, use a coloured pencil to shade in the ground below the volcano.

Q2. Use a different colour to show the layers of ash that make up the volcano.

Q3. Use a further colour to show the layers of lava that make up the volcano.



Answers

Colouring depends on the student. Most students will be expected to draw alternating bands of lava and ash, following the description in the text.

Notes

Although fissure eruptions can produce a sheet of lava that does not build into a cone, it is simpler at this level to concentrate on volcanoes as special kinds of mountain. The world's biggest volcanoes are also some of the world's biggest mountains (although this may not be obvious because many volcanoes rise from the ocean floor (for example, the volcanoes of Hawaii)).

By drawing composite volcanoes, students are reinforced with the understanding that volcanic mountains are made from layers of both ash and lava, not just lava.