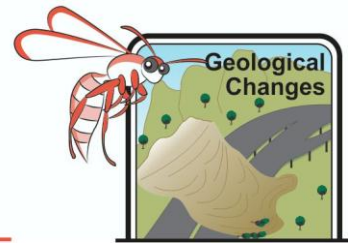


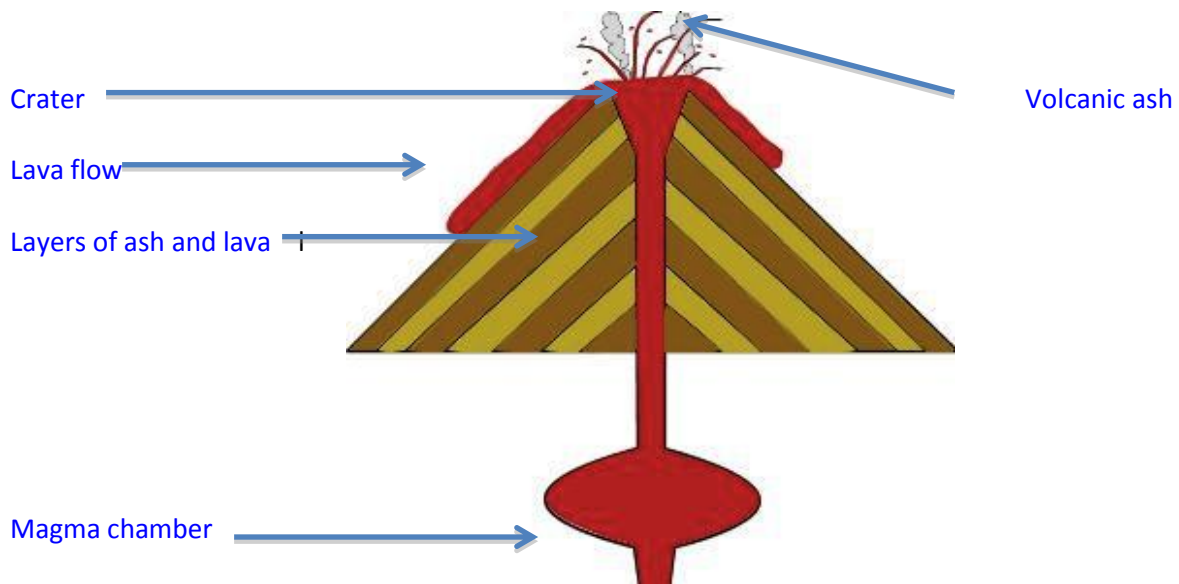
Volcanoes – Teacher Notes



Sudden geological events can change the surface of the Earth.

Students may be encouraged to use their worksheets (open book) while answering these questions.

Label the arrowed parts of the volcano below



Which type of volcano produces this shape at the surface of the Earth? **Stratovolcano**

Name the other type of volcano. **Shield volcano**

What shape does this volcano make at the surface of the Earth? **A low flat dome or a warrior's shield laid on its back.**

Strike out the wrong answer.

Where two tectonic plates diverge **pull apart/come together**, low viscosity lava **pours out easily/explodes as ash** and forms **high conical hills/ low flat hills**.

How can you predict that a volcano might be about to erupt? **When volcanoes are about to erupt the molten rock rising from the magma chamber causes the surface to bulge. This increase in inclination can be measured. A description of the tilt-o-meter or clinometer might also be added**

Wordsleuth provided for those who finish quickly.