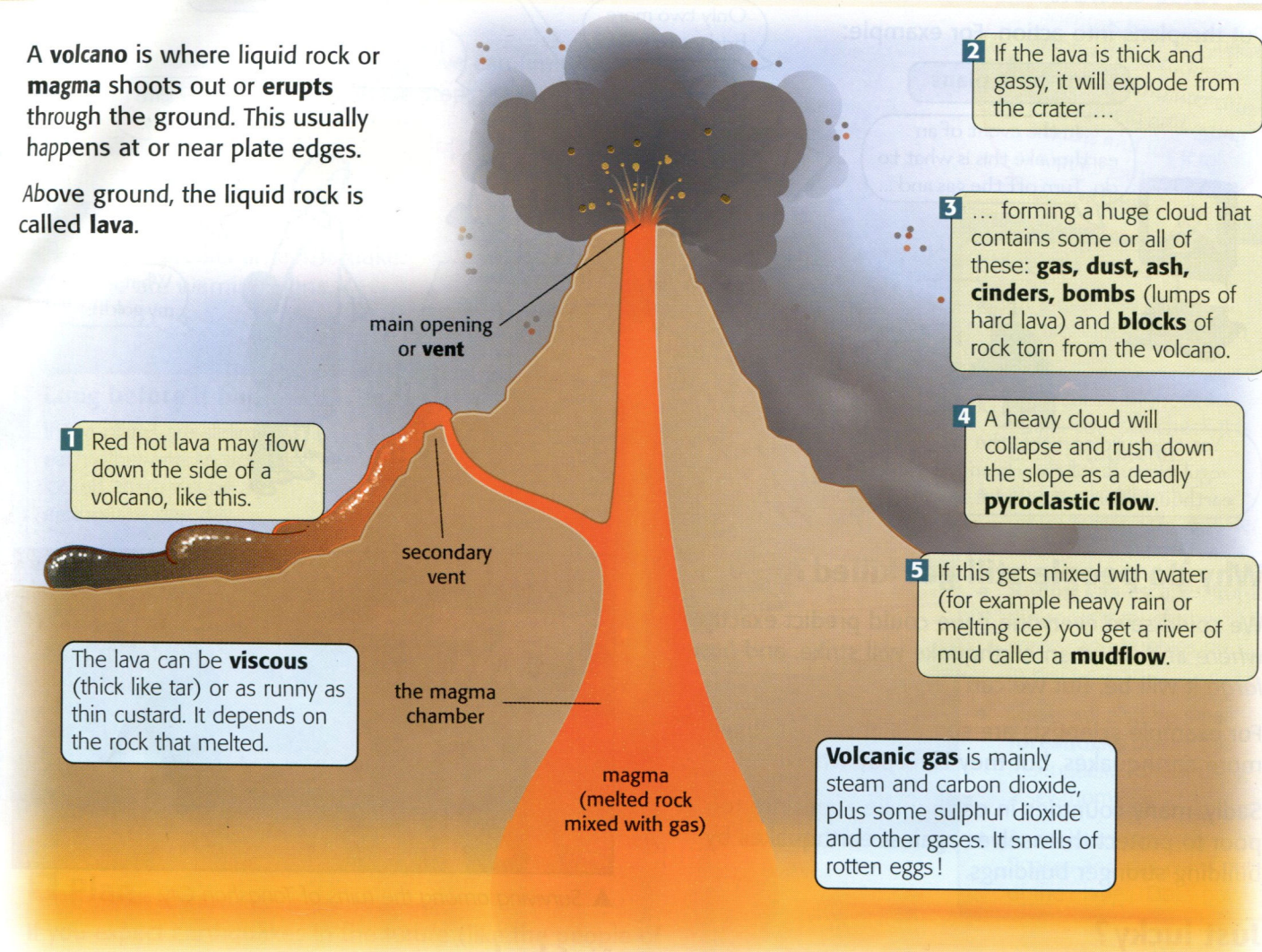


# Volcanoes

A **volcano** is where liquid rock or **magma** shoots out or **erupts** through the ground. This usually happens at or near plate edges.

Above ground, the liquid rock is called **lava**.



Viscous gassy lava is the most dangerous kind. It builds up inside the volcano. Then the gas propels it out in an explosion.



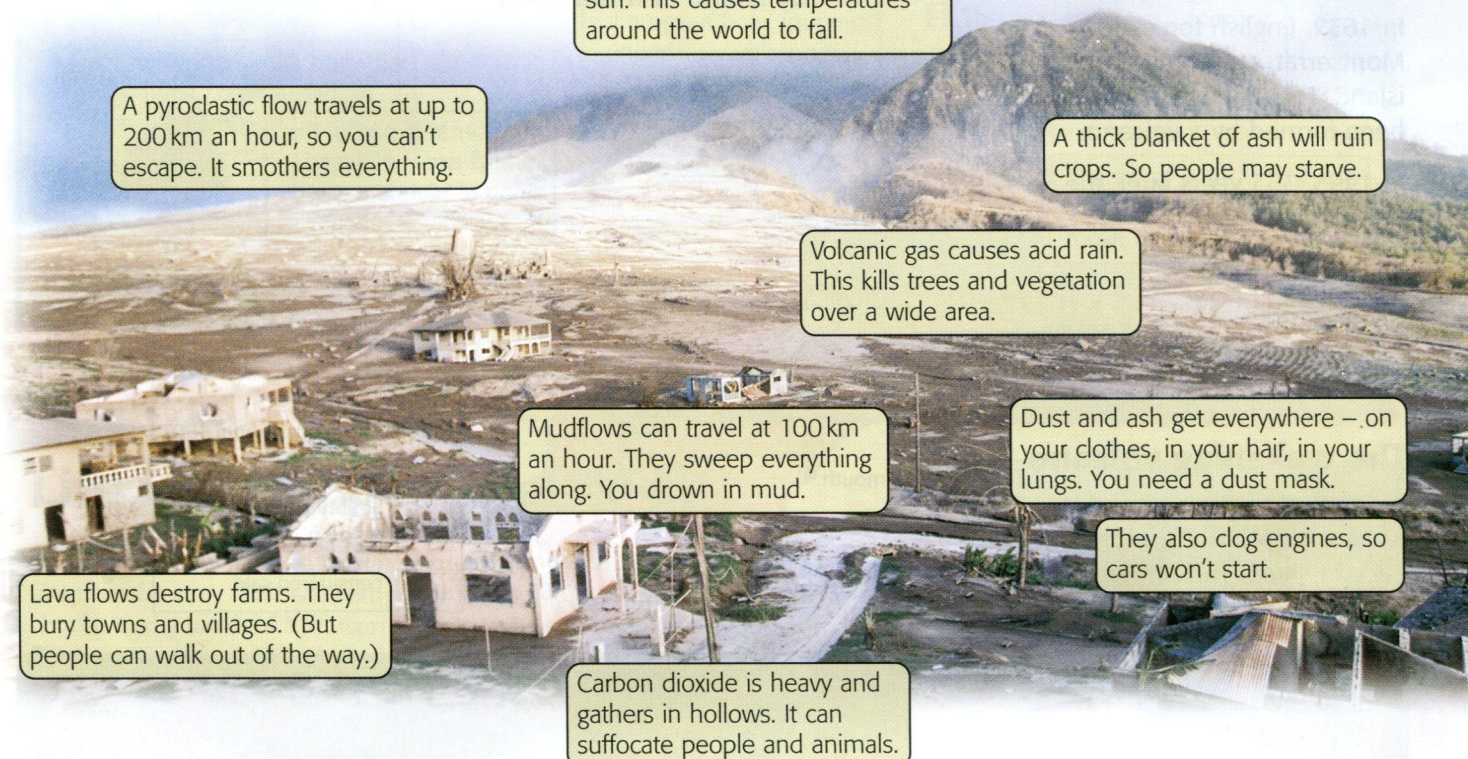
▲ An eruption of runny lava in Hawaii.



▲ A small eruption of steam, gas and ash from Mt St Helens (USA). The hollow around the vent is called a **crater**.



## What harm can eruptions do?



## Dead or just sleeping?

A volcano is called:

- ◆ **extinct** if it has not erupted for thousands of years, and its shape has been worn away by the wind and rain.
- ◆ **dormant** (sleeping) if it has not erupted for years, or even centuries, but still seeps gas sometimes.
- ◆ **active** if it has erupted recently and is likely to do so again.

### Your turn

- 1 What is:
  - a magma?
  - b lava?
- 2 Make a larger copy of this drawing. Colour it and complete the labels.
- 3 In the photo on the right:
  - a what is happening?
  - b what will happen next?
  - c would it be dangerous to be there? Why?
- 4 Which product(s) of an eruption:
  - a can kill people?
  - b can kill trees and crops?
  - c can affect other countries?
  - d are invisible?
  - e can do long-term damage (that may last for years)?

