

Reading  
Comprehension

Answers

Miss Wiseman's  
group

## Questions

1. What is the surface of the Earth like?

The surface of the Earth is like a giant 3D jigsaw puzzle.

2. How many active volcanoes are there around the world?

There are 500 active volcanoes around the world.

3. What is magma?

Magma is melted rock.

4. Are all volcanoes the same?

No, they are not the same because they erupt in different ways and this tells us what type they are.

5. Why are lava flows dangerous?

Lava flows are dangerous because they knock down buildings and set fire to things.

## Questions

6. Why is 'blasted' a good word to describe how gases can be erupted out of a volcano?

The word blasted makes you think of sudden, loud and noisy explosions, which helps the reader understand how gas is erupted.

7. How did the eruption of Tambora in 1815 manage to affect so much of the Earth?

The height of the eruption (43km) and the winds (helping to spread the ash and gas around the world) meant so much of the Earth was affected.

8. Why do you think so many people died after Tambora erupted??

So many people died due to the sun being blocked out for a long period of time, crops failed so there was no food for people to eat. Many died from lack of food, or became very weak, meaning they were more likely to catch illnesses and die.

9. What is a VEI 8 eruption classed as?

It is classed as a mega colossal.

10. What is the name of a scientist who studies volcanoes?

The name of a scientist who studies volcanoes is a volcanologist.