



## Is Humanity the Next Supervolcano? – KS1 Comprehension

<https://www.youtube.com/watch?v=rbHk1ehQJSY>



1) The Earth has experienced only three mass extinction events. Is this statement true or false? Circle the correct answer.

True / False

2) Which of the following is the correct definition for the word 'extinction'? Tick one.

- The process of a species dying out or disappearing forever.
- The process of a volcano erupting.
- The process of an animal starting to stink.
- The process of humans taking over the world.

3) What has caused most of the mass extinction events on Earth?

Most extinction events have been caused by \_\_\_\_\_.

4) Can you think of three adjectives to describe this image?

i. \_\_\_\_\_

ii. \_\_\_\_\_

iii. \_\_\_\_\_



5) Which invisible gas is released by volcanic eruptions?

The invisible gas released by volcanic eruptions is called \_\_\_\_\_.

6) Scientists believe the greatest volcanic eruption in history warmed the planet by how much? Tick one.

- 1°C
- 0.1°C
- 10°C
- 100°C

7) What percentage of life on Earth was lost during the greatest mass extinction event in history?

- 10%
- 50%
- 90%
- 100%

8) Pick a word to describe the people here. Explain your choice.

My chosen word is \_\_\_\_\_ because \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_.



**EXT:** Have a go at making your own erupting volcano using this guide from the Natural History Museum - <https://www.nhm.ac.uk/discover/how-to-make-a-volcano.html>

### **Answers**

- 1) False.
- 2) The process of a species dying out or disappearing forever.
- 3) Volcanic eruptions.
- 4) Various possible answers – powerful/scary/hot/dark/etc...
- 5) Carbon dioxide.
- 6) 10°C.
- 7) 90%.
- 8) Various possible answers with explanation – brave/crazy/adventurous/etc...