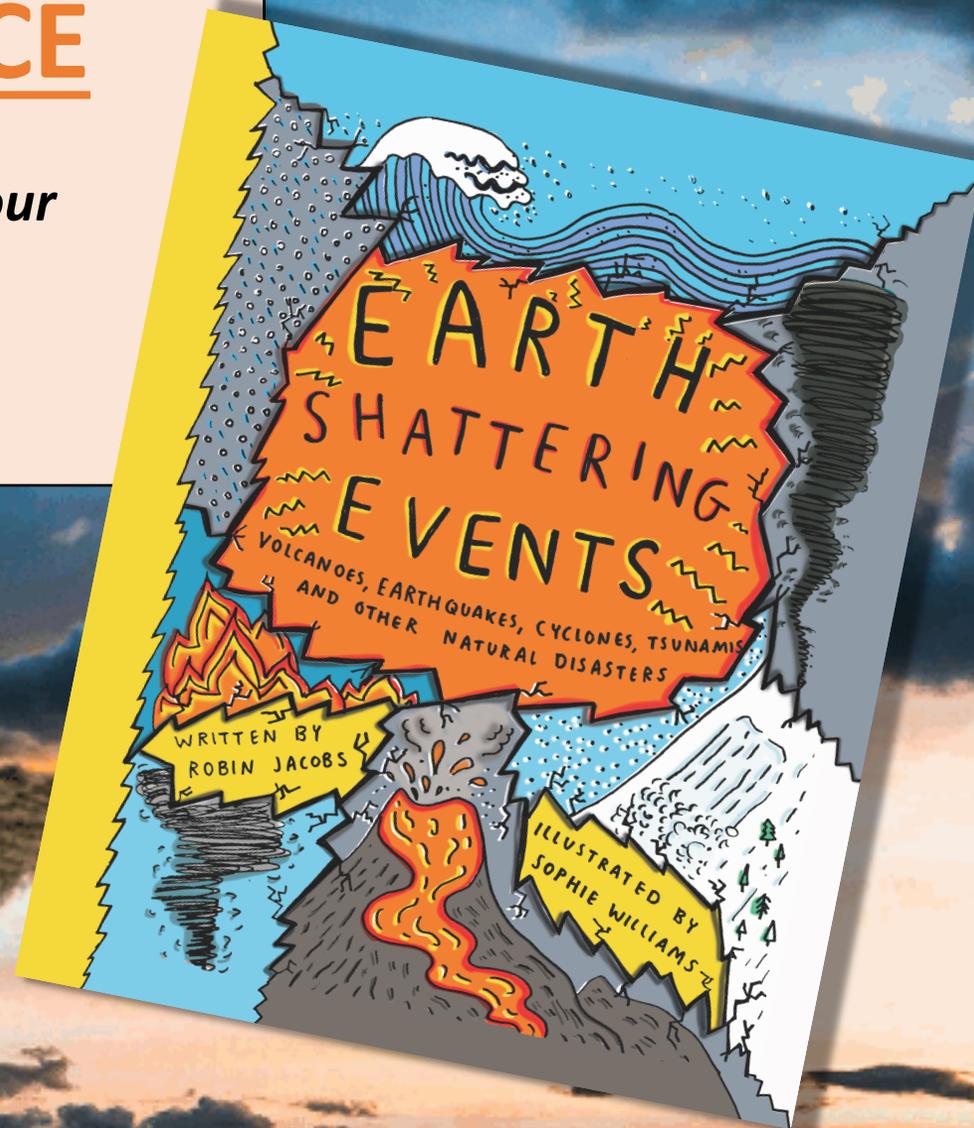


GUIDED READING RESOURCE

Help your children to explore natural disasters with our teaching resource pack!

Most suitable for Key Stage 2 curriculum



Resource to accompany Earth-Shattering Events by Robin Jacobs and Sophie Williams

These questions could also be used to prompt discussion in small groups or for independent readers approaching the text on their own.

Lesson or unit Title:

Earth-Shattering Events

Publisher:

Cicada Books

Topic or Concept:

The science behind natural disasters

Age Group:

6 – 12 years

Purpose:

To learn about the science behind disasters including earthquakes, hurricanes, volcanoes, tsunamis and other natural disasters, and in doing so, to engage with various aspects of geography, geology, meteorology and anthropology. Earth-Shattering events explores nature at its most destructive, and will give children an insight into the ways in which our planet functions.

Vocabulary:

Aftershocks, atmosphere, avalanche, blizzard, climate change, drought, earthquake, hail, hurricane, lava dome, magma, meteorologist, rainbands, Richter scale, seismic waves, tectonic plates, tornado, tropical cyclones, tsunami, updraft, wildfire

Aim & competences:

- To identify different natural disasters and define them
- Understand the consequences of natural disasters
- Know what people should do in the event of a hazard
- Be able to participate in short guided discussions relating to natural disasters

INTRODUCTORY ACTIVITIES

- What kind of book is this? How do you know?
- What is a natural disaster?
- How many different types of phenomena are included in the book?
- What is the Ring of Fire? Can you identify it on a map?
- Name the three different categories of volcanoes
- What causes a Tsunami?
- What are the three different zones in an avalanche?
- Where in the world do most tornadoes occur?
- What are three different names for a hurricane?
- Name the three elements in a fire triangle
- Why do many hailstorms occur in the summer?
- Choose a number from the box below to complete these sentences about natural disasters:

1170 500 800 200 500,000

- 1) Around _____ detectable earthquakes happen annually
 - 2) Tsunamis can travel very fast, up to _____ km per hour
 - 3) Flows of lava reach _____ degrees celcius
 - 4) On average, a tornado measures _____m wide
 - 5) California's wildfires are _____ percent larger due to climate change
- Create some illustrations of the different phenomena you've read about



ASSESSMENT (REFLECTION) ACTIVITY

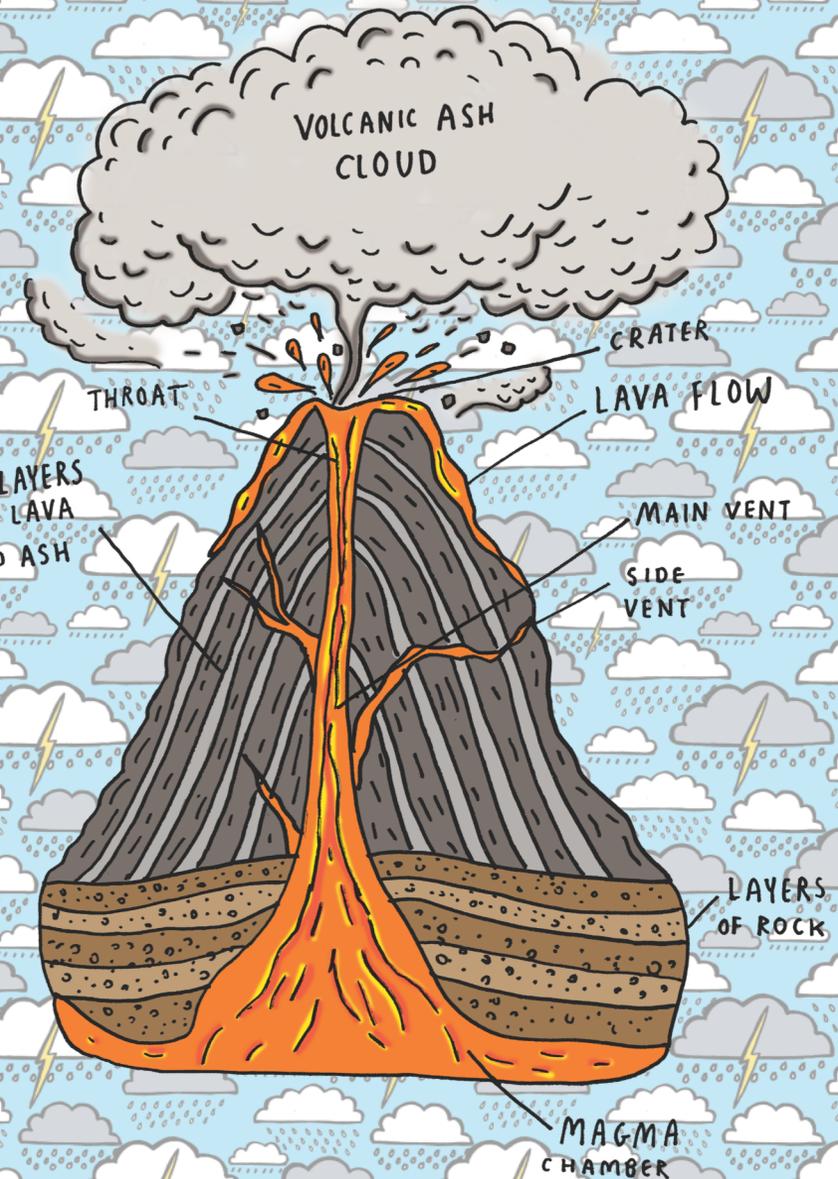
- In what ways might people be affected by natural disasters?
- What else can be harmed by natural disasters?
- How does climate change affect natural disasters?

CULMINATING ACTIVITY

Choose one of the pages in the book and make a more detailed report about the topic.

EXTRA ACTIVITIES

- Write a short review of the book to add to a shelf in a library or bookshop. Could you write a review for an online book store?
- What questions would you like to ask the author/illustrator about the book?



USEFUL SITES

<https://www.nationalgeographic.com/environment/natural-disasters-weather/>

<https://www.factmonster.com/world/natural-disasters>

<https://www.factinate.com/things/41-earth-shaking-facts-natural-disasters/>

<https://www.statista.com/topics/2155/natural-disasters/>

https://kids.kiddle.co/Natural_disaster

https://www.who.int/environmental_health_emergencies/natural_events/en/

You can also find all of our other wonderful books at www.cicadabooks.co.uk

