

What makes the Earth angry? Y3



1. What is under the surface of the earth?
2. How were mountains created?
3. How are volcanoes made?
4. Where would we find a volcano?
5. What causes an earthquake and how is it measured?
6. What causes a tsunami?
7. How does a tornado form?

Hook for Learning:

Video clips of natural disasters

Recreation of earthquake evacuation

Making an erupting volcano

Key Vocabulary:

Volcano, earthquake, eruption, lava, magma, mountain, cascading, trickling, steam, smoke, chamber, crust, mantle, core, inner, outer, surface, layers, tectonic plates, ash,

We learn the following Geography knowledge and skills...

- Describe and understand key aspects of mountains, volcanoes and earthquakes **(2,3,4,5)**
- Locate places in the world where volcanoes occur **(4)**
- Understand and be able to communicate in different ways the cause of volcanoes and the process that occurs before a volcano erupts **(3)**
- Ask and answer questions about the effects of extreme weather **(2,3,4,5,6)**
- Discuss how extreme weather affects human life e.g. settlements **(4,5,6,7)**

As Thinkers can we?

Think about how volcanoes, earthquakes and tsunamis impact on the lives of people around the world and in the UK.

We learn the following mathematical knowledge and skills...

Find the difference between two Richter scale measurements and order Richter scale measurements.

As Talkers can we...?

Ask questions, to find out more about what makes the Earth angry,

Collect information and present what we have found out.

We learn the following Design Technology knowledge and skills...

Design and make an erupting volcano.

Put together a step-by-step plan to show what we need to do including an annotated diagram

Evaluate our design and make recommendations to others.

We learn the following computing knowledge and skills:

Using Scratch, make an animation of an erupting volcano and an earthquake in a city.

Writing links:

Write a diary in role as a child in Pompeii

Write an explanation of how a volcano erupts and an earthquake begins.