

BLACKROD PRIMARY SCHOOL

Spring Project Reflections

Geography: Earthquakes/ Volcanoes and

'The Pacific Ring of fire's' impact

Key Vocabulary

Volcano
Earthquake
Collision
Active
Extinct
Dormant
Magnitude
Intensity
Tsunami

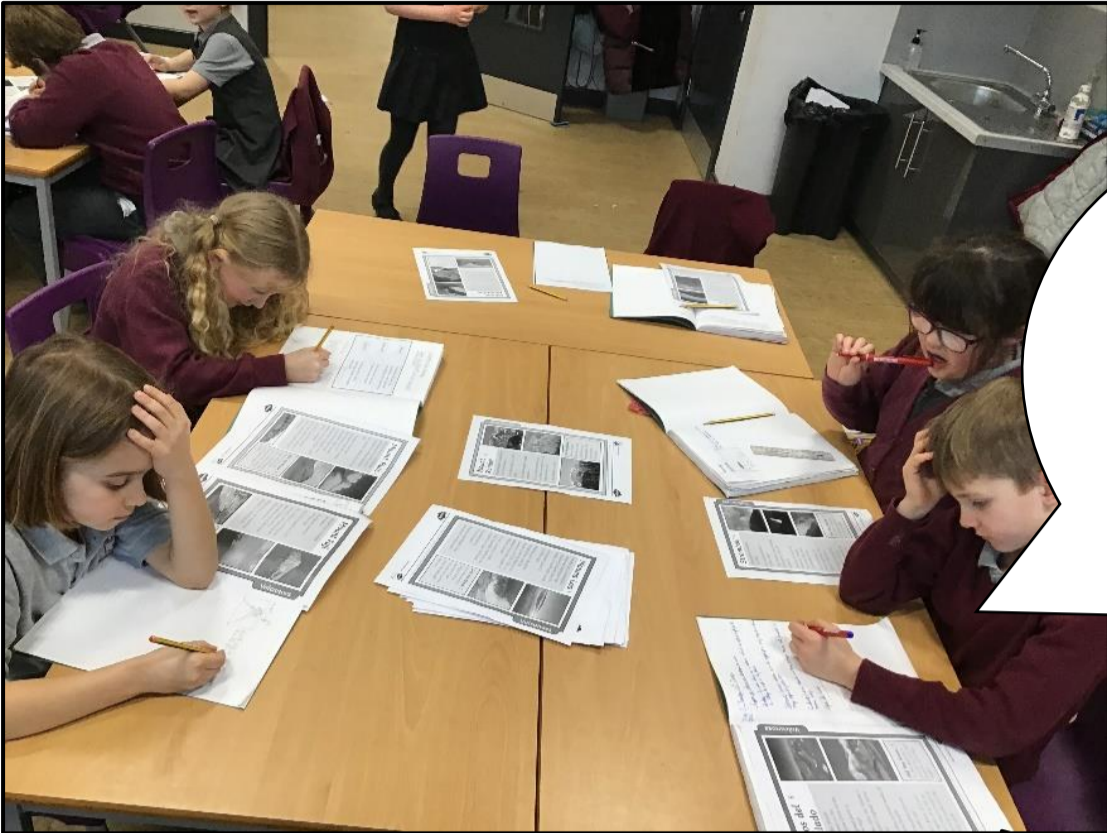
In this project the children were developing their knowledge of geographical features to discover how and the Pacific Ring of Fire contributes to volcanic eruptions, earthquakes and Tsunami's.



We investigated the location of The Pacific Ring of Fire and its key features.



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We then extended our learning to consider the impact volcanoes and earthquakes have on the countries and communities that are located on the Ring of Fire.

Learning links
[Ring of Fire | Volcanoes, Earthquakes, and Tectonic Plates - YouTube](#)
[\[Why series\] Earth Science Episode 2 - Volcanoes, Earthquakes, and Plate Boundaries - YouTube](#)

Tuesday 25th January
Types of volcanoes on the Pacific ring of fire.

- Active** - Volcanoes that have not erupted for a very long time but may erupt at a future time
- Dormant** - Volcanoes which have not erupted in human history
- Extinct** - A volcano which is either erupting or is likely to erupt in the future

Mount Fuji **Dormant**
 This volcano is located in Japan. The tallest point is 3776 million tall. Fuji last erupted in 1707.
 Did you know... More than 200,000 people climb to the top of the Mount Fuji every year.

Mauna Loa **Active**
 This volcano is located in island of Hawaii. Its highest point is 4170 million tall.
 Did you know... It's the world's largest active volcano.
 Super research and facts about volcanoes

Friday 28th January
What I have learnt about volcanoes and Earthquakes

In a volcanic eruption the first thing to come out is gas and it is usually in water vapor. Then volcanic ash, dust, lapillies and volcanic bombs and blocks called pyroclastic material. Magma finds a weak space in the earth's crust it pushes up and forms a volcano.

Thursday 28th January 2022
 G/IP3
 G/CG1
The impact of Natural Disasters: Earthquakes, Volcanoes and Tsunami's

2004 Boxing Day Tsunami
 Occurred under Indian Ocean
 9.3 on Richter scale
 200ft tall
 228,000 deaths in Indonesia
 1000 miles of destruction happened in the coast of Banda
 Acha which is in the capital of Indonesia
 hits Banda as well killed 40,000 people and half a million people homeless
 98 ft high

1906 San Francisco Earthquake
 Split all the land
 Magnitude 7.6
 up to 3000 people died 8 percent of the city was destroyed split the land destroyed lots of buildings in North America

79 CE. Mount Vesuvius eruption
 In 79 CE suggested people in Italy avalanches, caldron, hills, cadn't breathe lots of people died 100m by caldron
 Great detail in your notes
 per hour people opt out