

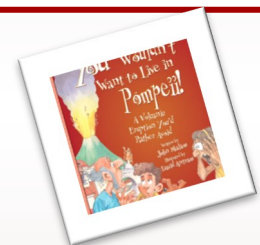
Year 6

Spring Term

On Shaky Ground

This term we are exploring the question **'Are volcanoes more dangerous than earthquakes?'**

Through geography, we will investigate how volcanoes and earthquakes are formed, learning about tectonic plates. We will identify their different features, understand how they are measured and consider their impact on the world today. We will also research different ways to predict and prepare for earthquakes. Our artwork will continue the volcanoes theme, exploring and recreating the work of the famous artist Andy Warhol and especially his screen print, Vesuvius. We will sketch, paint and then print our own volcanoes.



Useful Websites

- BBC Bitesize—Geography—Explore Volcanoes and Earthquakes
- BBC Teach—What happened when Vesuvius erupted
- School Learning Zone—Angry Earth
- Volcano Discovery—interactive map of active volcanoes and recent earthquakes

Suggested Reading

- Earth Shattering Events by Sophie Williams
- Escape from Pompeii by Christina Balit
- Night of the Howling Dogs by Graham Salisbury
- Holes by Louis Sachar
- You Wouldn't Want to Live in Pompeii by David Antram

Suggested Experiences

- Natural History Museum—Volcanoes and Earthquakes Gallery
- Make your own erupting volcano model—YouTube
- Create your own earthquake proof building—YouTube

Maths

- Number and Place Value
- Calculations and problems
- Fractions, decimals and percentages
- Geometry—2D and 3D shapes
- Measures— including time and volume
- Algebra, ratio and proportion
- Statistics

English

- Newspaper report—The Giant's Necklace and Macbeth
- Persuasive Letter
- Non-chronological report—Yellow Spotted Lizard
- Narrative—based on 'Holes'

Science: Electricity

RE: Wisdom and Salvation

PSHE: Dreams and Goals and Healthy Me

Art: Drawing, painting and printing—Vesuvius by Andy Warhol

Computing: Variables in games and introduction to spreadsheets

DT: Cooking

Geography: Are volcanoes more dangerous than earthquakes? Tectonics

Spanish: Weather and seasons

Music: Amazing Machines—pitch and duration

PE: Street dance, handball, golf and tag rugby

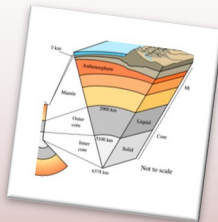
Outdoor Learning: Volcano structures, geography of North and South America

How I can help at home

- Support your child to establish a good homework routine
- Watch Newsround together, especially when there has been a natural disaster like a volcanic eruption or earthquake

How I can help at home

- World Geography Games—<https://world-geography-games.com/>
- Learn spellings—using website <https://spellingframe.co.uk/>
- Watch Newsround and talk about the issues around the world, especially natural disasters.



Homework

- At least 20 minutes reading and talking about books—4 times a week
- Practising spelling at least 4 times a week
- Weekly SATs revision for maths, SPaG and reading, using CGP books



Vocabulary

- **Mantle** - thick layer of the earth's structure between the core and the crust
- **Magma**—molten rock that is found below the earth's surface
- **Lava**—hot, liquefied rock that flows from a volcano or other opening in the surface of Earth
- **Pyroclastic flow**—a dense, fast-moving flow of solidified lava pieces, volcanic ash, and hot gases
- **Tectonic plates**—the Earth's surface is called the crust. It is made up of different rocky sections called tectonic plates, which fit together like a puzzle covering earth