

Launch:

At the start of the topic, the children will begin to compare and group rocks based on their physical properties. They will learn how to check the porosity of rocks, use magnifying glasses to observe the intricate details of rocks and sort rock types based on their own criteria and ideas.



What is the impact of living near a volcano?



Key dates:



16th April: 3BW & 3JE trip to Dorset Museum
18th April: 3DP & 3KB trip to Dorset Museum
23rd April: 3DP class assembly - 2.4.5pm
30th April: 3KB class assembly - 2.4.5pm
2nd & 3rd May: Class photos
6th May: Bank holiday
23rd May: Topic challenge due in & volcano explosion

Topic Overview:

As geographers, the children will describe key aspects of volcanoes, with a closer look at Mount Vesuvius. They will use maps and atlases to locate and describe countries and they will explain their own views on different locations, stating their reasons. As historians, the children will provide different accounts of historical events, explaining some of the reasons why the accounts may differ. They will suggest some of the causes and consequences of some of the main events and changes in history, through looking at the Roman invasion of Britain. As artists, the children will shape and stitch materials, colour fabric and quilt, pad and gather fabric as they design their own cushions. Using the Roman townhouse as inspiration, they will use mosaic techniques. In computing, the children will recognise how text and images convey information, recognise that text and layout can be edited and how to add content to a desktop publishing publication. As scientists, the children will compare and group together different kinds of rocks on the basis of their simple, physical properties. They will then learn how to relate these properties to their formation. The children will also describe in simple terms how fossils are formed when things that have lived are trapped in sedimentary rock.

Key Vocabulary:

quilting, padding and gathering fabric	pyroclastic flow
volcano	lava
tectonic activity	sedimentary
magma chamber	fossils
igneous	archaeology
mosaic	

Learning Conversations:

What can the children tell you about the benefits and dangers of living near a volcano? Have you ever visited Mount Vesuvius or a different volcano? What kinds of settlements were based near the volcano? How was the surrounding land used?

Useful websites:

Curriculum guidance: <https://wintonprimary.uk/year-3/>
Times Table Rock Stars: <https://trockstars.com/>
Virtual tour of Pompeii: <https://www.pompeitours.it/blog/virtual-tour-of-pompeii/>

Did you know...?

... that the loudest sound in recorded history was made by the explosion of the volcano, Mount Krakatau in 1883?



Drivers

Community: The children will be making cushions in art, before creating a larger, refined class cushion as part of a 'relaxation' kit. We will then raffle off these relaxation kits to raise money for 'Hope for Food'.

Aspiration: An archaeologist from The Dorset Museum will introduce Year 3 to archaeology, aiming to inspire children to pursue this interesting career path.

Landing: Adults will be invited into school to 'explode' the home learning volcanoes. The children will share how volcanoes are formed and the impact of potential explosions. The landing date will be on Thursday 23rd May and more details will follow.



Topic challenge: We would like the children to make their own volcano! We will advise the children on how to build theirs, but they could make it from paper mâché or even Lego. We will use these to conduct a volcanic explosion! Volcanoes should be taken to school on the morning of 23rd May. Here is a video to help: https://www.youtube.com/watch?app=desktop&v=9b_gltKtERY