



Title: Rock, Shake and Roll

Year: Year 5 Term 3

Subject Focus: Geography

Rationale:
How do volcanoes affect the lives of people throughout history and in modern times? We will be investigating how volcanoes are constructed and the impact of the volcanic eruptions on the environment and on people, both near and far. We will look at how buildings in earthquakes zones need to be constructed so that they withstand the force of an earthquake.

Start Date: 07/01/19

End Date: 15/02/19

Opportunities for Home Learning:

- create model volcano
- create model earthquake
- Research modern volcanoes and earthquakes

How will we deepen learning:

Teach another child about Volcanoes and Earthquakes
Enquiry based lessons using questions as hooks

Outcome:

Descriptive setting story about a Volcano explosion

Explanation text about Volcanoes and Earthquakes.

Hook:

Year 5 are going to take a trip to the Natural History Museum in London to visit the volcano and earthquake exhibit.
Watching Lava video to inspire their story writing.

Sharing Success:

Present their explanation text to their partner class.

How will we embed our school values?

Aspire: Museum Trip
Positive: working in partners and teams
Resilience: Inquiry based lessons with discussion and not given the answers
Success: Share work with partner class



Milestones Covered in this Topic:

Lead Subject: Geography	<p>Collect and analyse statistics and other information in order to draw clear conclusions about locations with earthquakes and volcanoes.</p> <ul style="list-style-type: none">• <u>Identify and describe how the physical features of earthquakes and volcanoes affect the human activity within a location</u>• <u>Describe and understand key aspects of: physical geography, including: volcanoes and earthquakes.</u> <p>Use a range of geographical resources</p>
Science	<ul style="list-style-type: none">- understand that light appears to travel in straight lines.- use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eyes.- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them, and to predict the size of shadows when the position of the light source changes.- explain that we see things because light travels from light sources to our eyes or from objects and then to our eyes.
Art	<ul style="list-style-type: none">• Develop and imaginatively extend ideas from starting points throughout the curriculum.• Collect information, sketches and resources and present ideas imaginatively in a sketch book. <p>Sketch (lightly) before painting to combine line and colour.</p>
English	<ul style="list-style-type: none">- present information about earthquakes and volcanoes- Write descriptive setting descriptions