

Year Group:

3

Term: Spring 1

Learning Challenge Title:

What makes the Earth angry?

Curriculum focus: Geography/History/Science

NC Objectives:	
Geography - Describe and understand key aspects of: physical geography, including: volcanoes and earthquakes.	
Art and design - Pupils should be taught to develop their techniques, including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design.	
Wow starter:	Watch a clip of erupting volcanoes from around the world.
LC Questions: 1	What is a volcano and how does it erupt?
2	What are some of the most famous volcanoes in the world?
3	How do volcanoes impact on people's lives and why do people choose to live near them?
4	How can we create an erupting volcano?
5	What are earthquakes (Tsunamis) and how are they caused?
6	How can we measure earthquakes?
7	How can we recreate a stormy weather dance using dance, music and drama?
Writing Opportunities:	
Persuasive writing; why should we live near a volcano?	

Year Group: 3

Term: Spring 1

Learning Challenge Title: How far can you throw your shadow?

Curriculum focus: Geography/History/Art/Science

NC Objectives: Pupils should be taught to: <ul style="list-style-type: none">- recognise that they need light in order to see things and that dark is the absence of light- notice that light is reflected from surfaces- recognise that light from the sun can be dangerous and that there are ways to protect their eyes- recognise that shadows are formed when the light from a light source is blocked by an opaque object- find patterns in the way that the size of shadows change.	
Wow starter:	Use torches to create different shapes and try to photograph them
LC Questions: 1	How do we see things?
2	Where does light come from?
3	Can light travel through materials?
4	How are shadows formed?
5	What happens to your shadow throughout the day?
6	Can you create a stained glass window that is translucent?
7	
Writing Opportunities: Investigative writing	

Year Group: 3

Term: Spring 2

Learning Challenge Title: What do rocks tell us about the way the Earth was formed?

Curriculum focus: Geography/History/Art/Science

NC Objectives: Pupils should be taught to: <ul style="list-style-type: none">- compare and group together different kinds of rocks on the basis of their appearance and simple physical properties- describe in simple terms how fossils are formed when things that have lived are trapped within rock- recognise that soils are made from rocks and organic matter.	
Wow starter:	Bring in a collection of rocks and let the children touch and talk about them.
LC Questions: 1	How can we sort different rocks?
2	How was this rock once alive?
3	Why is a diamond a 'girl's best friend'?
4	What is soil made up of?
5	What do we use different rocks for?
Writing Opportunities: Creative writing: where did this fossil from?	