

**What is it like to live near a volcano?**

Many people live on or near volcanoes, which may seem both foolish and dangerous to us. In answering our Big Question, we will explore the benefits and disadvantages that come with living near volcanoes as well as understanding the way in which they have been formed by our ever changing planet. We want the children to be able to complete research and communicate information about the ways in which people's lives are affected by natural disasters and their aftermath.



### Science

- Identify the organs in the digestive system.
- Describe the functions of the main organs in the digestive system.
- Identify the types of human teeth and their functions.
- Investigate the effects of different liquids on the teeth.
- Understand food chains.
- Explore food webs.

### Geography

- What is the structure of the Earth?
- Where are the Earth's tectonic plates?
- What are the features of a volcano?
- Where are the world's most famous volcanoes?
- What are the effects of a volcanic eruption?
- What would it be like to live near a volcano?
- Why do earthquakes and volcanic eruptions happen in the same places?

### Computing

#### **Computer networks and Systems: The internet.**

- What is a network?
- What is the internet made of?
- How do we share information?
- What is a website?
- Who owns the web?
- Can I believe what I read?

### Art

- How do different artists represent the same event?
- Do different artists capture the same feelings about an event?
- How can I use my scientific knowledge to inform a painting?
- How can atmosphere be created in paintings?

### Our Outcomes

By investigating our Big Question using our enquiry questions we will have created:

- A model volcano
- A presentation shared with another class
- Create an atmospheric painting using ink, watercolour and wax

### Our Class Books

- 'The Secret Explorers and the smoking Volcano' S.J King
- 'Ratty's big adventure' - Lara Hawthorn
- 'Earth shattering events' Sophie Williams & Robin Jacobs

### **Taught Discretely (Not part of our Big Question this term)**

⇒ Religious Education (Hinduism)      ⇒ PSHE (Relationships)      ⇒ PE (Gymnastics / Net & Wall)      ⇒ MFL (French)

### **Our Termly Values**

⇒ Sense of Belonging      ⇒ Happiness and Friendship      ⇒ Democracy