



# ACTIVE PLANET



## The big idea

The tectonic plates that form the Earth's crust are always moving. Even the smallest movement can cause huge earthquakes, volcanoes and tsunamis that devastate communities across wide areas. If we can understand what is happening underground we can learn to predict and protect ourselves in the future.

## In Geography, we will be finding out:

- About how the Earth is formed
- What a volcano island is and where they are in the world
- What causes an earthquake
- How earthquakes can be measured

## In Technology, we will be finding out:

- What makes buildings strong
- About protective clothing and equipment
- About how to put together a survival kit

## In Science, we will be finding out:

- What happens when a volcano erupts
- What happens when rock melts
- How volcanoes can give off poisonous gas

## In History, we will be finding out:

- About the devastation of Pompeii

## In Art, we will be finding out:

- About hot and cold colours
- About using different materials and techniques to represent a volcano



## *In Society, we will be finding out:*

- *About legends associated with volcanoes*
- *Why people continue to live in volcanic areas despite the dangers*

## *In International, we will be finding out:*

- *About international organisations that work after natural disasters*
- *About the knock-on effects of earthquakes and volcanic activity*