

## Tremors Knowledge Outcomes:

<b>What is a volcano?</b>	A volcano is a mountain that opens downwards to a pool of molten rock below the surface.
<b>What is an earthquake?</b>	An earthquake is the result of two tectonic plates rubbing together causing the ground to shake.
<b>What is Earth?</b>	There are 5 layers of the earth. These are solid core, molten core, mantle, oceanic crust and continental crust.
<b>What are the different types of volcanoes?</b>	An extinct volcano hasn't erupted in 10,000 years, a dormant volcano is not currently active and erupting and an active volcano is erupting.
<b>What is a Tsunami?</b>	A Tsunami is caused by an underwater earthquake or underwater volcano eruption.

## Engage and Express

The children will visit the Natural History Museum to look at volcanoes and earthquakes. They will also spend some time focusing on Mary Anning.

## PSCHE: What is a community?

WALT understand how I belong to different groups and communities.  
WALT understand what is meant by a diverse community and how different groups make up the wider/local community around the school.  
WALT understand how the community helps everyone to feel included and values the different contributions that people make.  
WALT understand how to be respectful towards people who may live differently to me.  
WALT understand that there are different types of families.  
WALT recognise responsibility, devotion and care as core family values rather than as having a particular structure.

## R.E.: What is Religion?

WALT understand the bible teaches that Jesus was able to perform miracles.

## SPRING TERM 1 Activities Tremors Year 3

These are the knowledge outcomes (the things we must aim to know) for our learning this half term.

## Understanding of the World

### Geography: Tremors

The children will study volcanoes and earthquakes. Here they will cover where the most active volcanoes are located as well as what an earthquake is including a Tsunami.

### Science: Rocks

WALT compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.  
WALT describe in simple terms how fossils are formed when things that have lived are trapped within rock.  
WALT recognise that soils are made from rocks and organic matter.

## Important Dates:

Trip to the Natural History Museum  
Week Commencing 26<sup>th</sup> January.

## Mathematics

In Mathematics, this half term children will be working on the following objectives from the Year 3 Success and Challenge cards:

### Computing: iNetwork

WALT understand what a network is.  
WALT understand key parts of a computer network.  
WALT understand how information is exchanged between devices.  
WALT understand that the internet is the physical connections between computers and networks.  
WALT understand how data travels throughout a network.  
WALT understand that devices on networks have a unique address.

### Languages – Animals Around Us

WALT understand and say some animal nouns.  
WALT recognise a masculine animal noun and a feminine animal noun.  
WALT tell someone my favourite animal.  
WALT recognise some plural animal nouns.  
WALT say which animals I like and don't like.

### Physical Development

#### This term children will learn: Multi-Skills

WALT demonstrate running, jumping and throwing skills in simple challenges.  
WALT show some control when using a small range of basic running, jumping and throwing actions.  
WALT understand and demonstrate the difference between sprinting and running for sustained periods.  
WALT understand and demonstrate a range of throwing techniques.  
WALT throw with some accuracy and power into a target area.  
WALT perform a range of jumps, showing consistent technique and sometimes using a short run-up.

**PE lessons will be on: Tuesdays and Wednesdays.**

### English

**In English, this half term children will be working on the following objectives from the Year 3 Success and Challenge cards:**

WALT use varied vocabulary and a range of sentences which include conjunctions, adverbs and prepositions.

WALT use conjunctions to write sentences with more than one clause.

WALT use adverbials of time.

**What are we writing this half term?**

**Letter based on the book *Escape to Pompeii***

**Non Chronological Report about volcanoes.**

**Recount of our trip to The Natural History Museum.**

**This half term, we will be reading the book:**

**Escape from Pompeii**

### Expressive Art and Design

#### ART & DESIGN: Go Big or Go Bust

WALT understand how to use rolling, pinching, curling, creating holes, scoring, rolling into a ball, joining, layering, smoothing techniques to create a clay volcano and figures.

#### MUSIC: Let's Compose

WALT understand what it means to be a composer.  
WALT be able to recognise the pulse and the rhythm in different ABBA songs.  
WALT understand how to use my body to compose.  
WALT compose, perform and evaluate piece of music in the style of ABBA.

### Strength Lies in Difference

WALT understand what it means to be wealthy - financially, physically, emotionally.  
WALT understand that in the past, Africa was responsible for more than ½ of the world's salt and gold supply.  
WALT understand how Africa has contributed to the rest of the world's wealth.  
WALT understand how the perception of African countries has changed and the reasons for this.