

**Badger Class - Topic Web**  
**Our Fiery Earth**  
Autumn Term 2 2020



**Key Areas of Learning**

As **Geographers** we will understand how tectonic plates work, identify the layers of the earth and describe how volcanoes are formed. We will also discuss what happens on the edge of a plate and where plates are located around the world.

Part of our learning will focus on the study of features of extinct dormant and active volcanoes and we will identify the Ring of Fire and why it exists.

The class will look in detail at the inside of a volcano using diagrams and focusing on the layers and structure of a volcano intersection.

Finally, the children will understand the difference between magma and lava and will discuss what happens when a volcano erupts and why.

**Year 3/4 Maths**

**Objectives:**

**Multiplication & Division** - Multiply & divide by 3, 4, 6, 7, 9, 10 & 100.

**Place-Value** - Round numbers to the nearest 10, 100, 1000.

**Roman Numerals** - Learn Roman numerals to 100.

**Measurement** - Measuring perimeter. Money - pounds & pence, add/subtract money, give change.

**Fractions** - Unit & non-unit fractions, making the whole, tenths, count in tenths, fractions on a number line, equivalent fractions.

**Geometry** - Identify angles, compare & order angles, triangles.

**English**

Our English work will link closely with our topic, using the book *Escape from Pompeii* by Christina Balit.

As we progress through the term, we will focus on setting descriptions, diary entries, letters and speech with a view to producing a newspaper report as a final written piece. Grammar work will include: using conjunctions to express time, place & cause, adverbs & prepositions, using paragraphs to group related material, expanded noun phrases and fronted adverbials.

We will also focus on aspects of reading comprehension and a variety of spelling patterns.

**R.E.**

In R.E this term, we will discuss the question: Is light a symbol of celebration? We will understand the significance of light as a symbol of belief.

**Music**

This term, the children will continue their cornet lessons, led by Mr Grey. The class will focus on rhythm patterns and how to read musical notations.

**P.E Real PE**

P.E sessions will be on a Monday & Tuesday afternoon. Whist the weather allows, Monday will be outdoors and Tuesday will be at the village hall, supported by Becky Walton from Bartholomew School. Children may come to school in their PE kit on these days.

**Computing - Online Safety**

This term, the children will continue to look at online safety. They will build on their existing knowledge of cyberbullying and how to deal with unkind behaviour online. We will also discuss what information is safe to share.

**French**

In French this term, the children will be learning about the different colours. They will also be focusing on numbers up to 100, using songs and games to consolidate their knowledge.

**Art/DT**

Our Art and DT work this term will link closely to our topic work. The children will create the earth's layers out of play dough and will create volcanic artwork inspired by Margaret Godfrey. Finished pieces will use a variety of techniques and materials to recreate the mood of an eruption.

**Science - This Planet Rocks**

In Science this term, we will compare and group together different types of rocks on the basis of their appearance and simple physical properties. We will also describe in simple terms how fossils are formed when things that have lived are trapped within rock. Finally, we will learn to recognise that soils are made from rocks and organic matter.

**P.S.H.E - Value of the term - Respect**

As a class, we will discuss the importance of respectful behaviour, in and out of school. We will also be following the *Jigsaw* learning scheme, during which, we will cover making responsible choices, dealing with conflict and our dreams & goals.

**SMSC:** To develop spiritual, moral, social and cultural awareness as pupils think about and express feelings. We will listen and respond appropriately to the views of others. We will work collaboratively with others.