



## Year 3 and 4 Curriculum – Spring 1 2022

### **Power Maths**

- ★ Unit 5: Multiplication and Division 2 (Y3)

In this unit children develop their understanding of the multiplicative properties of numbers.

- ★ Unit 6: Money (Y3)

In this unit the children will apply their knowledge of addition and subtraction to solve number problems involving money.

- ★ Unit 7: Statistics (Y3)

This unit encourages children to explore the range of information which they can get from the data that is presented to them.

- ★ Unit 5: Multiplication and Division 1 (Y4)

This unit focuses on exploring multiplying and dividing by multiples of 10 and 100 and then by 0 and 1.

- ★ Unit 6: Multiplication and Division 2 (Y4)

This unit builds on written and mental calculation strategies for multiplying and dividing.

- ★ Unit 7: Measure – Area (Y4)

This unit builds on children's understanding of the properties of squares, rectangles and rectilinear shapes.

### **Computing**

#### Programming A – Repetition in shapes

★ Children will look at repetition and loops within programming. They will create programs by planning, modifying, and testing commands to create shapes and patterns. The children will use Logo, a text-based programming language.

### **PE**

#### Striking & Fielding

★ Children will be taking part in activities to develop communication skills and defending skills (Football).

#### Invasion Games

★ They will be using modified games to develop catching and passing in isolation. Also, developing attacking & defending (Basketball).

### **English**

#### Natural Disasters & Flood by Alvaro F. Villa



- ★ Setting description

The children will be using the picture book, 'Flood' to write a setting description.

- ★ Instructions

Children will be writing instructions on how to make a volcano model.

- ★ Survival guide

The children will be writing a survival guide on how to survive one of the natural disasters.

- ★ Non-chronological report

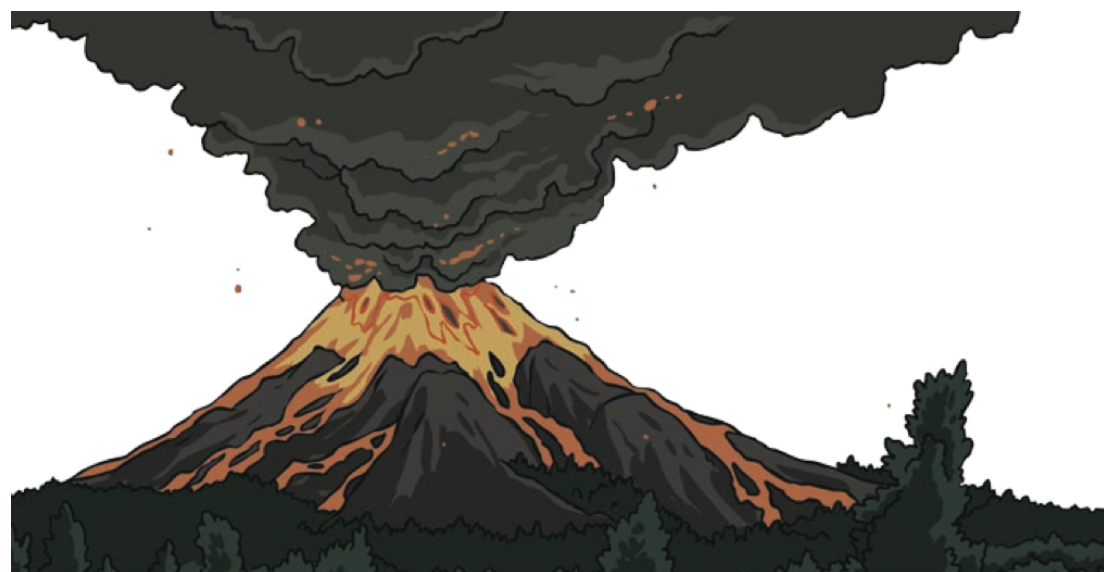
The children will be writing non-chronological reports about wildfires.

- ★ Adverb poem

Children will create their own adverb poem focusing on volcanoes.

### **Dynamic Earth: How Would You Deal with a Disaster?**

In this topic, the children will describe and understand key aspects of physical geography, including mountains, volcanoes and earthquakes. They will use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied and the cause and effect linked to natural disasters. They will also explain how human activity and natural disasters can have an impact on the environment. In design technology, the children will design, make and evaluate an alarm system to warn when there is a disaster.



### **Science**

#### Rocks

★ In this topic, children will compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. They will describe in simple terms how fossils are formed when things that have lived are trapped within rock.

### **PSHE**

#### Keeping Myself Safe

★ The children will learn how to manage risk and stay safe online. They will also learn why medicines can be helpful or harmful.

### **Music**

#### Composition/Performance

★ The children will compose and perform works on a theme.

### **RE**

#### Salvation: Why Christians call the day Jesus died 'Good Friday'.

★ The children will explore how Christians show their beliefs about Palm Sunday, Good Friday and Easter Sunday in worship and make links between some of the stories and teachings in the Bible and life in the world today.

### **French**

#### Animals

★ This unit is all about introducing and describing animals. Children will learn how to say the names of animal homes. They will also become familiar with some useful prepositions and learn how to ask where something or someone is.