

## Year 5 Curriculum Overview

2<sup>nd</sup> January 2024 – 9<sup>th</sup> February 2024

### Geography



The children will begin the term by further developing their knowledge of the map of the world.

They will then learn about mountains and volcanoes. This will include exploring where in the world the major ranges are found and how they were formed.

### Computing

This term the children will focus on databases. They will learn about how they can be useful in real-life examples. They will spend some time exploring

and searching for certain information using databases provided online.



### Science

Children will learn facts about the planets in our solar system, including their movement relative to the Sun. They will use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.



### Art

The children will be introduced to set design. We will be exploring the work of designers and then the children will be creating their own model 'set' to use during our computing animation topic.

### PSHE

The children will be learning about various aspects of what it means to be part of a **community** and how individuals might make a difference.



### Physical Education

Every child will have the opportunity to go swimming six times this half term. They will work towards the National Curriculum objectives of being able to swim 25 metres; use a range of strokes; and perform safe, self-rescue.

At school, in Gymnastic lessons, children will:

- use body tension to improve the control and quality of their movements,
- use momentum to help them roll, Keep the same timing as a partner to mirror or match them
- consider which actions would suit the apparatus they are using.

### French

The children will be learning the names of places in a town and how to ask for directions.



### Music

We are going to focus on how to build a groove. Children will explore how a drum pattern, bassline and riff fit together to create a memorable and catchy groove. After performing a

groove using body percussion and voices, children will compose and perform their own groove on a variety of instruments as part of a group.

## Religious Education

Children will learn about the importance of Umma (community) to Muslims and reflect upon the communities they are a part of.

## English

English work this half term will see the children writing short stories. Towards the end of the half term, children will study the poem 'The Spider and the Fly' and consider characterisation, the effectiveness of illustrations and methods of persuasion. The children will also take part in some Let's Think in English lessons, which are primarily discussion based.

We will also continue to read books by Michael Morpurgo whilst answering questions to check for understanding of the text.

In spelling, the children will focus on:

- Making nouns by adding the suffixes -ity, -ness and -ship.



- Homophones and near homophones.

## Vocabulary

These are some of the important words we will be using in our different lessons. It would be helpful if the children knew the meaning of the words, and to be able to spell as many as they can.

**gravity** – the force that attracts a body towards the centre of the earth

**collage** - a piece of art made by sticking various different materials such as photographs and pieces of paper or fabric on to a backing

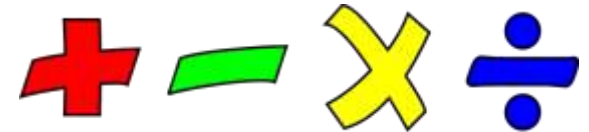
**community** - the people of a district / area / country considered collectively, especially in the context of social values and responsibilities; society

**eclipse** –An eclipse happens when one object in space blocks another from view. For example, during a solar eclipse the **Moon** comes between **Earth** and the **Sun**. The Moon blocks the Sun for a time so that people on Earth cannot see it.

## Mathematics

In Mathematics this term the children will be learning to:

- multiply numbers up to 4 digits by a one- or two-digit number using a formal written method
- multiply and divide numbers mentally, drawing upon known facts
- divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- recognise and find equivalent fractions and decimals (tenths and hundredths)
- convert improper fractions to mixed numbers and vice versa
- compare and order fractions, less than and greater than 1
- add and subtract fractions



All of the children have login details for the Times Tables Rock Stars website.



They can practice this at home whenever they like! It is a fun way to improve their times tables recall. It will form part of our homework every other week.