

Year 5 Curriculum Overview

5th January 2025 – 13th February 2025

Geography



This term, the children will be learning about mountains. They will explore where in the world the major ranges are located and will develop their understanding of mountains within the UK. They will begin to understand how mountains were formed; this will then lead into learning about volcanoes and earthquakes.

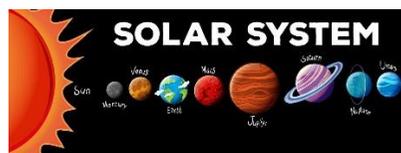
Computing

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. The children will continue to learn how to keep themselves safe online.



Science

During this unit of work, children will learn that the Earth is part of the Solar system and that the Sun is at the centre of that system. They will learn the names of the other planets and be able to describe the movement of Earth (and other planets) in relation to the Sun. Children will discover why there is day and night on Earth and relate this to time. Children will also gain an understanding of the phases of the Moon and be able to describe the Moon's movement in relation to the Earth.



Art

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



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,

particularly in relation to the environment.

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 netball lessons, children will:

- Understand the need for tactics and identify when to use them in different situations
- Compete within the rules showing fair play and honesty
- Catch and intercept a ball using one or two hands in games situations.
- Explore different passes and apply them to game situations.

French

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



Music

Children will listen to and compare the original Doctor Who theme and a later version. They will record some 'found' sounds and use GarageBand to create rhythms and melodies from them. Finally, children will organise their sounds into a longer piece of music about Space.

Religious Education

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

English

We will begin this half term by considering the question; *How do writers influence our feelings and perspective of spiders?* The children will begin by studying the poem 'The Spider and the Fly,' They will then compare it with and analyse a range of other poems about spiders before composing their own. They will then write in character as the Spider to retell the narrative of **The Spider and the Fly**. Next, we will begin a brand-new unit of work to answer the question: *How does it make you feel to see the Earth from space?* We will use a range of text extracts, including **The First Men in the Moon** by **H.G Wells**. This will give the children the opportunity to develop their skills of creating suspense and wonder in their writing.

In Guided Reading, we will continue to look at a range of poems from **The Lost Words** by Robert Macfarlane. After this, we will begin to study the work of **Michael Morpurgo**. As well as developing our inference skills, we will begin to look at the style of Morpurgo's writing in preparation for our extended writing unit next half term.

In spelling, the children will focus on:

- Words ending in **-cial**
e.g. *artificial*
- Words ending in **-tial**
e.g. *confidential*
- Words ending in **-able** that keep the 'e' from the root word e.g. *knowledgeable*
- Words with suffixes where the base word ends in **-fer** e.g. *preferred, preference*



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.
- multiply unit and non-unit fractions by a whole number

Reminders

Swimming Lessons will take place this half term each Thursday. Children will need to remember to bring their swimming kit to school.

5H will complete their Forest School sessions and 5S will begin theirs (information sent separately about this)

Children should be reading at home at least three times with an adult. Their Reading Diary should be in school every day. It will be collected in once a week on the following day:

5H: Thursday

5J: Tuesday

5S: Thursday



It is still important for the children to be regularly practising their multiplication times tables. This half term we will be setting up some inter-class competitions on [Times Table Rock Stars](#) to encourage them to practise their recall.

Homework dates this Half Term

Set 15th January – Due in 29th January

Mountains Top Trump Homework

Set 12th February – Due in 12th March

Michael Morpurgo Reading Task



Please keep hold of an empty shoe-box if you have one - the children will need them for their set design.