

Year 5 2025 – Spring I

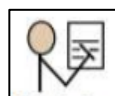
Reading



Cosmic from the award-winning author Frank Cottrell

Kick- an award-winning book by Mitch Johnson.

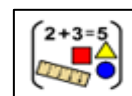
Writing



The children will use the **adventure** story 'Cosmic' by Frank Cottrell-Boyce to write their own **science fiction** narrative. What will happen next for Liam and Florida? Will their journey take a strange turn?

We will also be writing a **persuasive letter** campaigning against child labour. Alongside this, the children will read 'Kick', an award-winning book by Mitch Johnson. The tale centres around a young football-loving boy whose aspiration is to play for his favourite team rather than working in a factory.

Maths



The children will focus on **multiplication and division** before moving onto **fractions, decimals and percentages**.

We will look at multiplying and dividing four-digit numbers and division with remainders.

We will also be adding and multiplying fractions, exploring equivalence and finding fractions of amount. The children will apply this knowledge to calculate with decimals and percentages.

Science



Materials - What are **reversible and irreversible changes**?

This term the children will be doing lots of exciting activities to demonstrate that dissolving, mixing and changes of state are reversible changes. But are all changes reversible? Can you reverse the process when something has been burnt?

The children will also experience a Science Masterclass hosted by Jawad Hussain, on the topic "Separating mixtures by sieving, filtering & evaporation".

RE



The children will continue to look at the traditions of **Humanism** – empathy, kindness and equality and look at how these compare to the teachings of other faiths.

We will also look at Humanist artefacts and how they compare to artefacts from different faiths.

Geography



The children will be learning about **volcanoes, earthquakes** and tectonic plates.

The children will explore how volcanoes are formed and their features. They will use their research skills to answer key questions such as, why do volcanoes erupt?

We will also look at earthquakes using case studies to learn about where earthquakes mostly occur and the effects they have on the local environment.

PSHE



The children will consider the responsibilities of becoming a parent. Within this, we will explore how families may be different and identify some professionals that can provide support for families.

ART and DT



In art the children will be drawing animals using a variety of pastel techniques to achieve the desired effect.

We will also be creating sculptures using natural materials in the style of Andy Goldsworth.

PE



We are developing our performance skills through different styles of dance. The children will refine and improve dances adapting them to include the use of space, rhythm and expression. They will be challenging themselves to move imaginatively, responding to music.

Mandarin



This term the children will learn how to speak and write common words and phrases about family members and animals. They will also learn about Chinese New Year traditions and customs.

Computing



The children will create a virtual space using Minecraft Education. This is an opportunity for pupils to think about building and what makes structures unique or interesting, then research and plan their own.

Music



The children will continue to develop their musical skills through reading notation from the treble clef through simple melodies performed on the keyboard developing their knowledge of pitch, rhythm and duration, tempo, texture and silence through rests.