

Maths

In maths, we will be covering fractions and decimals. In this unit, we will recap learning from year 3 and introduce new learning for year 4.

This half term, we will be covering:

- Unit and non-unit fractions
- Tenths and counting in tenths
- Equivalent fractions
- Fractions greater than 1
- Adding fractions
- Adding 2 or more fractions
- Subtracting fractions
- Tenths and hundredths
- Tenths as a decimal
- Tenths on a place value grid
- Tenths on a number line

English

In English this half term, we will be looking at a variety of different genres, identifying the key features and creating our own writing pieces using the same techniques. We will be producing our own diary from the point of view of Harry Potter, writing a setting description based on Diagon Alley from the novel we are studying- Harry Potter and the Philosopher's Stone and writing our own Toil and Trouble poem inspired by Shakespeare.

Harry Potter

Year 4 Learning Journey

Spring 2

Science

In Science this half term, we will be learning about **States of Matter** and looking specifically at:

- **Solids, Liquids and Gases**
Looking at different materials to group and compare them based on their properties.
- **Changing State**
Looking at how materials change state when they undergo the process of boiling, melting, cooling and freezing.
- **The Water Cycle**
Applying our knowledge to changing state to the 'Water Cycle'.

The Arts

In art and design this half term, we will be exploring the work of the artist, Vincent Van Gogh.

We will be practicing our techniques using a range of materials to recreate a 'Hogwarts at Night' version of Van Gogh's landscape piece, 'Starry Night'.

D+T

Children will be using their knowledge of electrical circuits to create their own Harry Potter themed night lights.

Geography

In geography, we will be building on our skills and exploring maps and grid references. We will be looking at a compass rose and will learn to identify the eight cardinal points.

We will spend some time looking at map work, which will include 4-figure grid references, recognising symbols and keys and finally, building on our knowledge of co-ordinates.

ICT

In ICT, we will be creating our own blog based on Harry Potter and the Philosopher's Stone.

We will also be introducing coding and making our own animation using Scratch.

PE

Maltby Academy Staff will be teaching hockey on a **Friday**. Class PE will be on a Tuesday focusing on tennis.