

Maths

In maths, we will be starting our unit on measure. In this unit, we will recap learning from year 3 and introduce new learning for year 4. We will also be starting our second block on multiplication and division.

This half term, we will be covering:

- Equivalent lengths (mm, cm, m, km)
- Add and subtract lengths
- Perimeter
- 11 and 12 times tables
- Multiply 3 numbers
- Factor pairs
- Efficient multiplication
- Written methods
- Multiply (2 by 1 digit, 3 by 1 digit)
- Divide (2 by 1 digit, 3 by 1 digit)

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

In design and technology, we will be creating our own light-up wands, which will link nicely to our science topic.

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 set of instructions explaining how to make a potion and we will be writing a setting description based on Diagon Alley from the novel we are studying- Harry Potter and the Philosopher's Stone.

Harry Potter

Year 4 Learning Journey

Spring 1

Geography

In geography, we will be building on our skills and exploring maps and grid references. We will be looking a compass work 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.

Science

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

- Simple circuits

We will identify the components of a simple circuit and learn how to create a simple circuit.

- Insulators and conductors.

We will learn the difference between insulators and conductors and be able to identify properties of each.

- Asking scientific questions

We will consider what life would be like if we no longer had electricity.

ICT

In ICT, we will be focussing on internet safety and how children can stay safe online. Children will learn about communicating in a safe way and be able to identify potential online dangers.

PE

Maltby Academy Staff will be teaching hockey on a **Friday**. Class PE will be on a **Wednesday (Owls)** or **Tuesday (Bluebirds)**. Our focus will be on football.