



# Year 5 Newsletter Autumn 2

Welcome back after the half term. If you have any queries or questions, please do not hesitate to speak to either of us in the playground; alternatively, you can write a note in your child's planner.

## LITERACY

Our work this half term is going to be based around the book 'Robot Girl' by Malorie Blackman and 'The Secret of Platform 13' by Eva Ibbotson. We are going to be focusing on both fiction and non-fiction writing as we look at both formal and informal letter writing as well as non-chronological reports and persuasive leaflets.

We are also going to be linking our writing in with some cineliteracy and using Wall-e as the basis for Science Fiction narratives and traditional tales.

You can help your child with their learning by discussing what they have studied each day. Encourage them to read every night, listening to them whenever possible. You can further support your child with their learning by helping and reminding them to learn their weekly spellings. These lists will be sent out with their homework at the start of each week and the children will have a weekly spelling test on every Friday.

### Key Vocabulary:

**Formal** - suitable for an official or important occasion.

**Informal** - a relaxed, friendly and everyday manner.

**Non chronological report** - a non-fiction report that is not written in time order so it does not matter in which order the information is read.

**Cineliteracy** - the understanding of cinema including movies and films and how we can use to support our writing.



## Mathematics

Throughout year 5, the children are going to be working on a number of objectives linked to the following strands:

- Number and place value
- Addition and subtraction
- Multiplication and division
- Fractions and decimals
- Measurement
- Geometry (Shape and space)
- Statistics (data handling)

For this half term, Year 5 will be focusing on consolidating their work on addition and subtraction as well as number and place value. We are also going to be investigating using statistics and data handling before moving on to multiplication and division.

You can help your child succeed in maths and increase their confidence by practising their timestables and related division facts with them every day as these are fundamental to any area of maths.

### Key Vocabulary

**Line graph, continuous data, categorical data, Bar chart, x axis, y axis, multiplication, division, factor pair,**



## SCIENCE

In Science this half term, Year 5 are going to be exploring Space, learning about the different planets of the solar system and how they move in relation to the sun. They are also going to be investigating why we have day and night and the impact meteors have on the moon.

### Key Vocabulary

**Space, Galaxy, Universe, Planet, Star, Celestial body, Comet, Meteor, Axis, Heliocentric, Geocentric, Gravity, Forces**





# Other Curriculum Areas

**PE** - During this half term, we will be focusing on the skills and techniques involved with both dance and gymnastics by creating our own routines.

**PSHE**- We will be focusing on the four core values of the Academy and what they mean to us. These are Honesty, Empathy, Respect and Responsibility. We are also going to be focusing on anti-bullying as it is Anti-Bullying Week from the 11<sup>th</sup> November.

**R.E** - We are going to be building on our work last half term to explore the 5 key tenants of the Islamic Faith.

**History** - We are going to be exploring the space race and how it became a significant turning point in space history.

**Geography**- We are going to be investigating which places are significant to the International Space Station and what time is it on board?

**Music**- This half term, we will be learning to play a guitar.

**D&T** - We are going to be building and testing motorised moon buggies using a variety of materials and evaluating our success afterwards.



## The Bulletin Board

Things to remember:

**Monday:** Maths homework hand out.  
Spellings handed out.

**Tuesday:** P.E Kit (Maple and Oak)

**Wednesday:**

**Thursday:** Topic homework handed out  
P.E Kit (Maple and Oak)

**Friday:** Spelling test.  
Reading comprehension handed out.

**Everyday:** Correct uniform, planner, reading book and reading record.



## IMPORTANT DATES

Parents evening  
11<sup>th</sup> and 13<sup>th</sup> November

Pupil photos  
18<sup>th</sup> November

Visit to Liverpool World  
Museum  
25<sup>th</sup> November - Maple  
26<sup>th</sup> November - Oak

Maths - <http://uk.mathletics.com/>

English - <https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar>

E-Safety - [https://www.thinkuknow.co.uk/8\\_10/](https://www.thinkuknow.co.uk/8_10/)



# Out of this World

## What is the solar system?

We are going to be exploring our solar system, including the different planets and the different models of the solar system. We will also get hands-on by recreating the different models as part of our outdoor learning.

## How do we have night and day?

We are going to be investigating how we have night and day and how it can be explained by the rotation of the Earth and the apparent movement of the sun across the sky. We are also going to be carrying out an investigation into Moon craters and how they are formed.



## What is the space race?

We are going to be researching the space race and exploring how it became a significant turning point in space history as well as the different countries involved. As part of this learning, we will also discuss the dissolution of the Soviet Union.

## Which places are important to the ISS?

We are going to be looking at the International Space Station and the countries involved in its creation and continued running by finding them and their capital cities on a map. We are also going to be exploring time zones and lines of longitude and latitude, including the significance of the Prime Greenwich Meridian.

## Getting practical.

We are going to be planning, designing and building our own motorised space buggies which we are then going to test out in Forest School before evaluating our success.

