

Term: Autumn 2024

Year Group: 6

Mathematics

To start this year, we will be looking at place value and number. We will look at numbers up to 10,000,000 and practise recognising their place value. We will compare, order and round numbers of different sizes and we will explore negative numbers. We will apply our learning to different topics and real-life scenarios.

Following this, we will practise carrying out different calculations, using a range of different formal written methods, as well as carrying out calculations in our heads. We will add, subtract, multiply and divide increasingly large numbers. As part of this, we will look at long division. We will also explore prime, square and cube numbers.

We will then build on prior learning of fractions. This learning will involve identifying equivalent fractions, comparing and order fractions and carrying out calculations involving fractions. We will also practise finding fractions of amounts.

Finally, we will look at units of measurement, including metric and imperial measures.

Each week, we will practise our times tables in school. It is vital that children know their times tables up to 12 by this point. As well as practising this in school, children need to continue to practise at home.

How to help at home

- Practise year 5 and 6 spellings
- Make sure your child knows their times tables up to 12x12. They should play TTRS daily.
- Complete the homework tasks set
- Listen to your child read and read to them
- Establish clear bedtime routines
- Monitor and limit screen time

English



Writing opportunities this term will focus on:

- Romance narrative linked to the silent film Paperman
- A Christmas-themed persuasive letter to Scrooge
- An adventure narrative based on Kensuke's Kingdom
- Recount linked to our history learning and to Letters from the Lighthouse
- Extended writing opportunities linked to curriculum learning

During writing lessons, as well as discrete punctuation and grammar lessons, we will practise a variety of writing techniques and features, including adverbs, colons, semi-colons and subordinate clauses.

Guided reading sessions:

- Practise the VIPERS skills – vocabulary, inference, prediction, explanation, retrieval and summarising
- Read a variety of texts and use these to answer related questions

Educational visits, visitors and key dates

- Meet the teacher Thursday 12th September
- Individual pupil photos 23rd September
- Burwell House residential 9-11th October
- Mindfulness workshops 17th and 18th October
- Book fair 16th-23rd October (school hall)
- Parent teacher meetings 5th & 7th November
- Pantomime in Cambridge 12th December
- Carol Service St Mary's Church 17th December

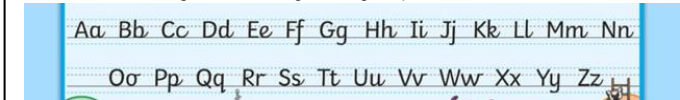
Phonics / Spelling

As well as practising the year 5 and 6 spelling words, we will also be looking at the following spelling rules:

- Simple plurals
- Tricky plurals
- Prefixes
- Suffixes
- Mathematics and science words

Handwriting

To write consistently at speed with neat, legible and joined letters, working towards gaining a pen license.



Key texts

Holes – Louis Sachar

A Christmas Carol – Charles Dickens

Kensuke's Kingdom – Michael Morpurgo

Letters from the Lighthouse – Emma Carroll

Creative Development

Art: In art, we will be looking at creating 2D images and using these to create 3D models. We will practise scaling up images to create larger versions of them, using the grid method. We will continue to practise sketching and using our sketchbooks.

Music: In music, we will be learning different songs. Our first song is Happy by Pharrell Williams. We will also explore how music makes us feel and our opinions and feelings towards different songs. We will be continuing to practise finding the beat and will use the glockenspiels to accompany our singing.

Computing: We recently refreshed our understanding of e-safety and how to ensure we stay safe online. Our first official computing unit of the year is Computing systems and networks – Communication and collaboration. We will be exploring how data is transferred by working collaboratively online.

Spanish: Children will build on their previous learning in Spanish to describe their mood. They will also practise the days of the week and months of the year and count further in Spanish.

Personal & Social Development

Personal, Social, Health Economics:

The children will be taking an active role in making and changing class rules. They will develop an understanding of why rules and laws are needed in society as part of our rights, rules and responsibilities unit.

The children will learn how to communicate effectively a wide range of emotions, including mixed emotions. They will also be learning about how their mental wellbeing is a part of their daily life. The children will also be thinking of some self-care strategies and how these might help their mental wellbeing.

Children will also learn about healthy relationships. They will explore signs of bullying and what they can do to help prevent this from happening. We will also discuss peer pressure and what we can do to address this. We will also be taking part in Anti-Bullying Week in November.

In the class, we have a feelings station and a worry box. Children are encouraged to use these to share with adults how they are feeling and to open discussions about anything that might be causing them worry or stress.

Knowledge and Understanding of the World

Science: In science, we will be looking at light. The children will learn how light travels and how we are able to see objects. They will also explore shadows and consider how these are created and why they take the shapes that they do. After this, we will start our topic on Animals including Humans. We will learn about how the circulatory system works and how blood is transported around the body.

Geography: Our first geography unit of year 6 is Population. The children will identify the most densely and sparsely populated areas. They will describe the increase in global population over time and begin to describe what might influence the environments people live in. We will then learn about Energy and Climate Change. We will delve into the negative impacts of some energy sources on the environment. The children will learn about different types of energy, and which are better for the environment.

History: We will learn about Britain in the Second World War and identify the causes of World War II. We will look at evacuations, the impact of WWII on different places, post-war migration and the establishment of the NHS. We will identify the different phases in the Battle of Britain. We will make inferences and deductions about a photograph. Describe how children may have felt when evacuated. Evaluate the accuracy and reliability of sources. And lastly, describe the impact WWII had on women's lives.

Religious Education: Firstly, we will be learning about Christianity. We will explore what key beliefs people hold about God, the world and humans. We will discuss how Christians show their belief that Jesus is God incarnate.

Physical Development and Well being

During PE lessons, we will be practising and developing our ball skills. During these weekly sessions, we will be practising a variety of skills, including throwing and catching. We will also resume swimming lessons at the college. They will continue to increase their confidence in the water and will develop the skills learnt in year 5 (and previously) to enhance their swimming technique. Children will need to have correct PE kit in school with them. No jewellery or watches will be allowed to be worn during these lessons.