

Mathematics

In Maths, our first topic is fractions. We will recap what fractions are and different ways to represent them. We will also revise finding fractions of numbers. In Year 5, knowledge extends to working with mixed numbers and improper fractions. The children will then look at solving problems where the denominators are all multiples of the same number. We will also look at multiplying fractions and mixed numbers by whole numbers. Every week, during Key Skills, we will recap place value and the four rules of number. Following fractions, we will move on to shape, measurement and statistics.



English

The first text we will study and enjoy is Selznick's *The Invention of Hugo Cabret*. A cryptic drawing, a treasured notebook, a stolen key, a mechanical man and a hidden message form the backbone of this intricate, tender, and spellbinding mystery. We will look at several different text types from diaries to letters. Our form and grammar choices will reflect the purpose for writing. After looking at KUKA robots and other inventions, Year 5 will create their own robots before writing instructions and a magazine article. In upper key stage 2, pupils continue to read and discuss a wide range of poetry. We will use tone, intonation and volume to show increasing understanding of poems learnt by heart.



Science

Spring term will kickstart with Miss Pemberton's favourite Year 5 Science topic – space! Through fun, practical activities we will learn how to describe the movement of the Earth and other planets in relation to the Sun. Pupils will be able to use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky. What do you already know about the Moon? Do you know why the Moon appears to change shape? Is our Moon the only moon? We will then move on to living things and their habitats.

Welcome back everybody!

As you are aware, Mr Hughes and Miss Pemberton will be leading the learning in Year 5 this term. We are looking forward to working together, and working with you at home, to ensure that everybody has fun, makes progress and reaches their full potential. We hope you have all had a wonderful, fun-filled Christmas break and that you also had chance to recharge your batteries. Our Spring Term topic is 'Inventors and Inventions'...

History

In Year 5, we will continue to develop our historical enquiry skills. What questions do you have about the Anglo-Saxons and the Vikings? The children's curiosities will lead our investigation into this exciting period of British history. Who were the Anglo-Saxons and what were the 7 kingdoms? The name 'Viking' comes from a language called 'Old Norse' and means 'a pirate raid' but were all Vikings bloodthirsty warriors? Our learning will take us right up to the second to last Anglo-Saxon king – Edward the Confessor. Interestingly, when Edward died, there were 4 claimants ready to fight for the throne!

RE

The first RE topic is 'Jesus the Teacher'.

We will look at how Jesus' teaching explains Christian beliefs. The children will explore Bible parables such as the Good Samaritan and the Sower. We will consider how elements of Jesus' teachings can be linked directly to our school values. RE sessions will then move towards 'Easter – a Celebration of Victory'. Pupils will learn about the death and resurrection of Christ and the resulting relationships between God and His people.

PSRHE

In PSRHE, we will focus on families and relationships. What makes a healthy friendship? How can we make people feel included? How can we resolve disputes and reconcile differences? The children will explore the benefits of new and different relationships. Our second topic is physical health and mental wellbeing. We are lucky to have another visit scheduled from DebtAware – a team that delivers a financial education programme for young people.

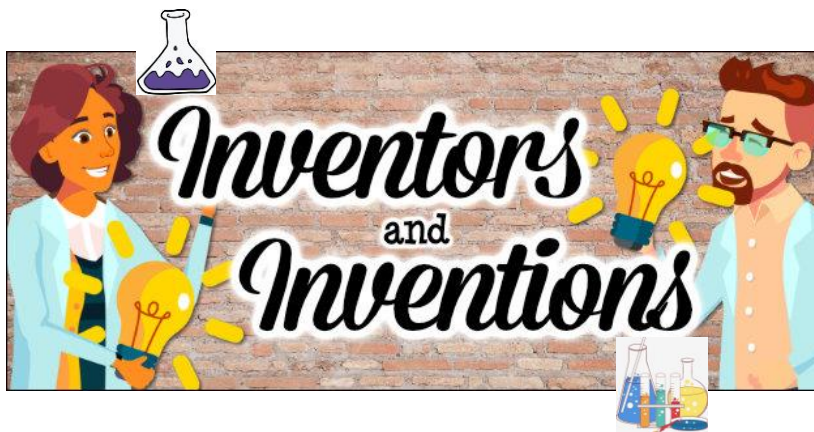
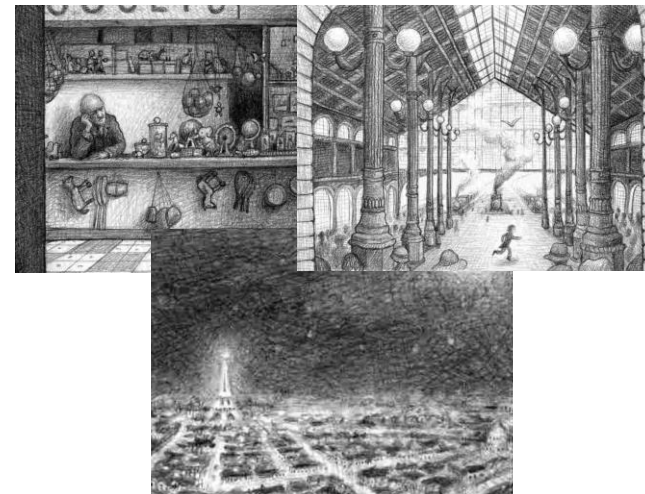
PE

PE will continue to take place every Thursday afternoon and will link to our science topic. Dance lessons will be inspired by outer space! We will then move on to hockey, health and fitness and outdoor adventure. Swimming lessons will commence after half term. We will send letters regarding this closer to the time so keep your eyes peeled!

Art and Music

Brass lessons will continue every Friday until half term. The children will learn notation on a staff and play simple brass pieces. Make sure you keep learning and enjoying those instruments at home! Following this, children will look at singing and performing. In Art, we will hone our drawing skills, exploring the relationship of line, form and colour. Our class novel, *The Invention of Hugo Cabret*, will provide great inspiration as it combines text with beautiful pencil drawings.

Our second art project will be based on maps and typography. Linking to our history topic, we will create a map based on an Anglo-Saxon settlement.



French

Following on from learning basic greetings last term (and creating a wonderful animated French poem on Scratch), children will next look at how to have a short conversation in French, conversing with one another and ensuring they are able to write these conversations down.

Computing

The class made HUGE strides in Computing last term, making more progress than we expected! By Christmas, children had learnt how to tinker, decompose and create algorithms using block code. We will look to improve on this this term by creating our own video games based on a Viking invasion. The children will be using Scratch and have their own account which means they can continue any work done in class at home!

Homework and Class Routines

- Homework will be given on Friday and is due the following Friday.
- PE will continue to take place every Thursday afternoon.
- Reading homework: The Home School Diary contains a reading sheet which is to be signed by an adult each time your child reads at home (this can include any Reading Plus sessions).
- Maths homework: Times Table Rockstars is an ongoing expectation throughout the year.
- Please remind your child to pass their Home School Diary to a member of staff if there is a message from home.