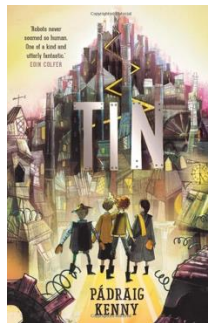


Mathematics

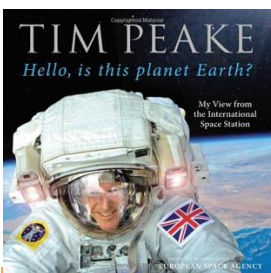
Place Value is our first topic. In Year 5, children work towards reading, writing, ordering and comparing numbers to 1 million. They need to be able to explain the value of each digit. We will practise counting forwards and backwards in powers of 10. Rounding to the nearest 10, 100, 1000, 10000 and 100000 is also important. We will learn about negative numbers in context. Throughout the term, we will play games based on Roman Numerals to 1000.

Our second topic will be Number – initially focusing on addition and subtraction. We will continue adding and subtracting numbers both mentally and through formal written methods. We will look at worded problems throughout the term and build on our problem-solving skills.



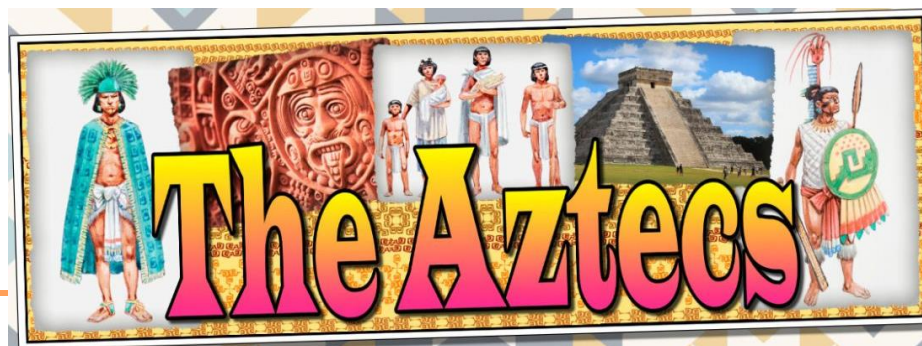
English

Our class novel is *Tin* by Padraig Kenny. The author “has created a new reality in a completely unexpected and thrilling way... A world populated by child mechanicals, determined to protect their friends and discover a meaningful life”. Our first focus is writing to entertain. Short writes will include diary entries and character descriptions. The children will plan and write sections of their own sci-fi novel. As we delve deeper into The Aztecs in History, there will be endless non-fiction writing opportunities. There are lots of grammar skills to learn and accomplish in Year 5. We will look at adverbials, modal verbs and relative clauses. In terms of punctuation, we will learn how to use brackets and dashes for parenthesis – these new skills will improve and enhance our writing.



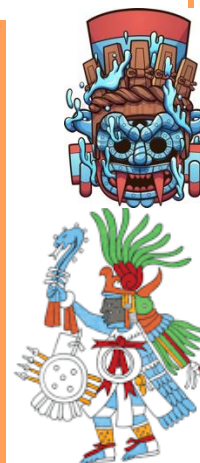
Science

Autumn term will kickstart with Miss Pemberton's favourite Year 5 Science topic – Space! Through fun, practical activities we will learn to describe the movement of the Earth and other planets in relation to the Sun. We will think about the Earth's rotation to explain how we have day and night. Do you think the Sun moves across the sky or is there another explanation? What do you already know about the Moon? Do you know why the Moon appears to change shape? Is our Moon the only moon?



Welcome back everybody!

Mr. Hughes and I hope you all had a wonderful summer break. Welcome to Upper Key Stage 2! Be prepared for lots of fun and lots of learning! Our main Autumn Term topic is The Aztecs and The Maya. However, we also have lots of exciting things planned around OUTER SPACE! We hope to visit Jodrell Bank later this term - keep your eyes peeled for more information. Read this letter to gain an insight into what you can expect to learn and discover in each subject area...



History

The main driver for our learning this term is History! The Aztecs and Maya were two powerful Mesoamerican civilizations that existed before the arrival of Europeans. The Maya civilization primarily flourished in present-day Mexico from around 250 to 900 AD. The Aztecs rose to prominence later, controlling much of central Mexico from the 14th to 16th centuries. We will explore their unique cultures, achievements, and eventual encounters with the Spanish. Did you know the Aztecs loved chocolate THAT much that they used it in religious ceremonies, as a drink for warriors and even as a form of currency?



RE

To start off our year, pupils will look at the holy books of different religions, focusing on the Bible. We will look in depth at who created it, why it was made and, most importantly, what we can learn from it!

Computing

In Computing this term we will look at understanding exactly what makes something a computer, taking a look inside some laptops and looking at the different parts of hardware and what their functions are! Following this, the children will build on their algorithmic knowledge to create an animation.

Design Technology

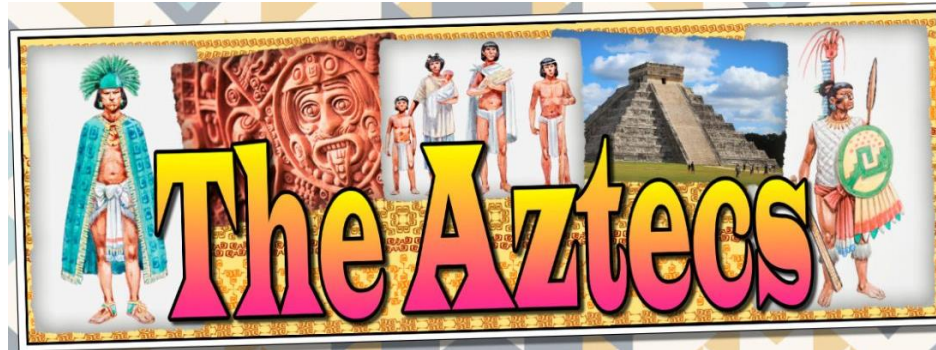
Our first DT topic is structures. We will design and build Aztec temples and then, as a class, recreate the lost empire! Our food topic will explore the Aztec diet, with the children making both sweet and savoury goodies!

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 Belonging to a Community.

Art

Our Art lessons are going to focus on land and cityscapes – with a twist. We are going to put a sci-fi spin on our artwork (linking to our class novel Tin). The children will learn about artists that use a variety of media, often combining it in interesting ways, to capture the energy and spirit of natural and cityscapes.



PE

Athletics, Rugby and Dodgeball are up first in PE. After the half-term break, we will move on to Gym, Basketball and more Invasion Games.

French

Children will be learning to describe using the French language! From wild adjectives to engaging adverbs, the children will be designing their own monsters using the French language!



Useful Websites

<https://trockstars.com/>

<https://mathsframe.co.uk/>

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://readingeggs.co.uk>

<https://spellingframe.co.uk/>

<http://www.ictgames.com/mobilePage/lcwc/index.html>

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 must be signed by an adult each time your child reads at home
 - Maths homework: Times Table Rockstars is an ongoing expectation throughout the year.
 - If there is a message from home, please ask your child to pass their Home/School Diary to a member of staff.

