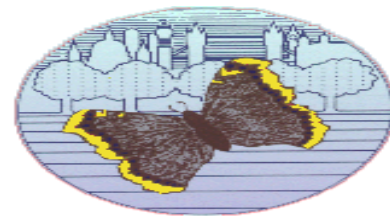


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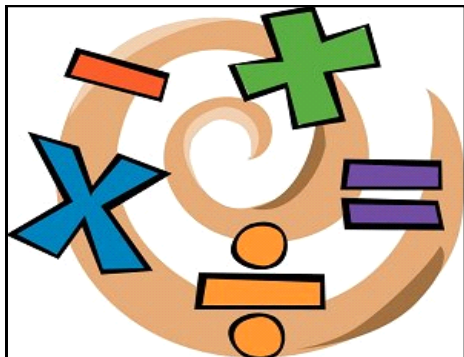
CURRICULUM NEWS
FOR THE SCHOOL COMMUNITY
Issued termly Year 5 Autumn 2019



Maths

The new term has begun with revision of place value, that is, knowing about units, tens, hundreds and thousands. We will be also looking at decimals numbers learning about tenths, hundredths and for some of us, thousandths. We will be revising the four number operations: addition, subtraction, multiplication and division, for which we have learnt new written methods to complete these calculations. We will be looking also at Fractions, Decimals and Percentages.

During the term we will be focusing on measures. This will involve time; learning about analogue and digital clocks as well as 12 and 24 hour time. Following this we are looking at

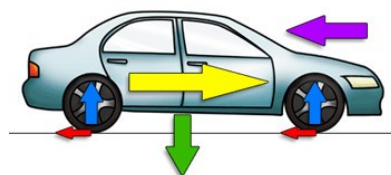


Mass and Capacity and finish the term learning about Geometry: symmetrical patterns, shape reflection and co-ordinates.

The children will be completing mental arithmetic tasks so sound knowledge of number facts is essential for success. We cannot emphasise too strongly the need to be confident with multiplication facts - So please **practise the times tables at home!**

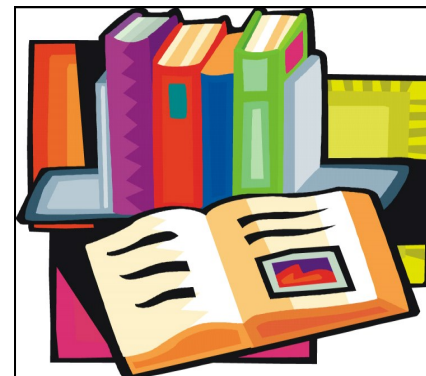
Science

Initially, the children will be learning about **Forces**. In this unit the children will look at a range of different forces: gravity, air resistance, water resistance and friction. They will develop an understanding of balanced and unbalanced forces and their effects. They will also investigate how mechanisms, like levers, pulleys and gears, help us to use smaller forces.



weight
reaction force
driving force
friction
air resistance

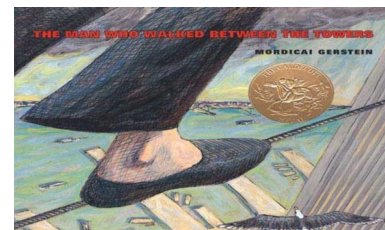
he term the children will be learning about the **Earth, Sun and Moon**. In this unit the children learn about the shapes and relative sizes of the Earth, Sun and Moon. Using models they learn how the three planets move relative to each other and how these movements relate to night and day and the seasons of the year.



English

This term we will be studying the book 'The man who walked between the Towers' - an biographical story about Phillippe Petite, who challenged himself to walk on a tightrope between the buildings of the World Trade Centre in New York.

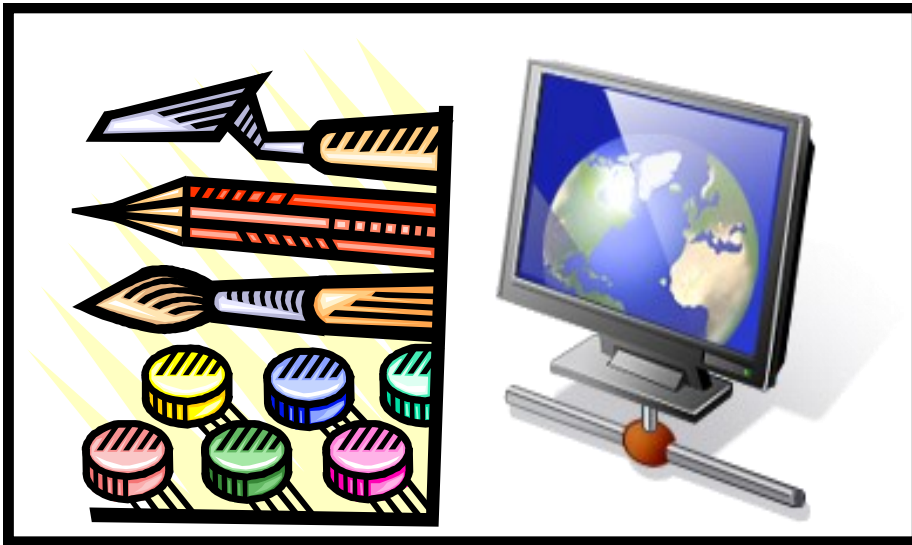
We will be writing for a range of purposes including: letter writing, newspaper reports and a biography.



As we do this, we will continue to remind ourselves about writing in properly punctuated sentences. We will look at how we can make our writing more interesting by using adjectives, expanded noun phrases, adverbs and a wider vocabulary.

During the second half of term the children will study the book 'Hidden Figures' which is about women's role in the 'space race' which will link across the curriculum with their science topic.

OUR FOUNDATION



History

Over the next few weeks we will be looking at Anglo Saxon villages, their religious beliefs and their everyday life. We will also be looking at how the Heptarchy divided themselves in 7 kingdoms. The children will learn about objects found in an Anglo Saxon home and about life in an Anglo Saxon village.

This history topic also offers a broader platform to allow the children to discuss issues around immigration throughout the ages, why people move and settle in different areas and how this might have changed over time.

Art and Design Technology

This term the children will be working with our resident artist to study artists linked to Black History Month. They will then go on to produce work linked to this theme.

We will be linking this in with our initial English topic which is based on a book set in South Africa.

We will then look at Christmas related art activities to ensure that we are properly celebrating the birth of our Lord.

Computing

After initially focusing on ensuring we are up to date with E-safety we have begun the year looking at researching topics and compiling facts in Publisher. This will teach them to create a brochure by using a wide range of office suite skills.

Towards the end of this term we will look at compiling our information into presentations within PowerPoint. Next half term we will look at **coding and programming**, using code.org to build on our skills from Year 4. Children will be creating and debugging algorithms.



Guided reading: This will provide the children with the opportunity of taking a closer look at particular sections of the text. This will include looking at the **language structure, style of writing, choice of vocabulary or what has been revealed about plot or character**. All children will benefit from regular opportunities for small-group reading, discussion and writing with a teacher or teaching assistant.



Homework

Homework tasks are sometimes given to consolidate your child's learning. It is **essential** that all children are given support with all their homework; this includes learning to spell the words on their weekly spelling list, completing activities on MyMaths.

Parents are also expected to hear their child read every evening and sign their reading diary.

