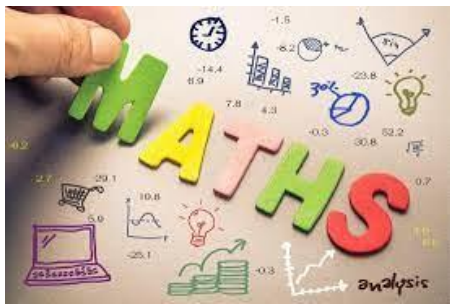


Welcome to Year 5 – Overview Spring Term

In Year 5, this half term we shall be covering...



This half term in Maths, we will be covering short multiplication and division.

We will begin this unit by using informal written methods to help children understand how we use partitioned numbers to multiply. Expanded multiplication will be explored next to ensure children have an understanding of regrouping ones and tens. With a secure understanding of expanded multiplication, children will perfect the skill of multiplying numbers (up to 4 digits) using short multiplication (please see

Informal written method	Expanded multiplication algorithm	Short multiplication
$34 \times 2 = 30 \times 2 + 4 \times 2$ $= 60 + 8$ $= 68$	$\begin{array}{r} \begin{array}{ c c } \hline 10\text{s} & 1\text{s} \\ \hline 3 & 4 \\ \hline \end{array} \\ \times 2 \\ \hline 8 \\ \hline 60 \\ \hline 68 \end{array}$ <p><i>2 × 4 ones = 8 ones</i></p> <p><i>2 × 3 tens = 6 tens</i></p>	$\begin{array}{r} \begin{array}{ c c } \hline 10\text{s} & 1\text{s} \\ \hline 3 & 4 \\ \hline \end{array} \\ \times 2 \\ \hline 8 \\ \hline 68 \end{array}$

example below).

The division unit will follow a similar pattern, where we will explore using representations and informal methods before teaching short division.



In Writing this half term, we will be starting with a persuasive letter. We will be learning about persuasive techniques as well as choosing appropriate grammatical features to include. We will then be writing a narrative using descriptive language such as similes, metaphors and personification, with our main focus on the overall cohesiveness of our writing.

As we are learning about the Tudors in History this half term, our class novel will be a book called 'The Diver's Daughter', which set in the Tudor period. This has been uploaded on to Showbie so we can read it together.







Our reading sessions will support the History and Writing focus for the half term too. We will be reading non-fiction texts all about Tudors as well as reading persuasive texts to support our Writing topic.

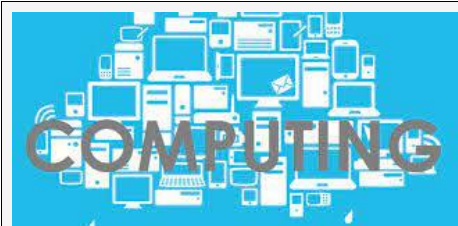


In Science, we'll be exploring 'Properties and Changes of Materials.'

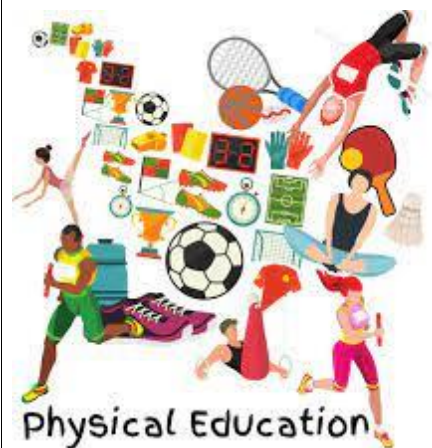
Within this topic, we will be learning about the properties of different materials, separating mixtures of materials based on their properties, irreversible and reversible changes and melting and freezing of different materials.

Alongside this, we will be developing our scientific skills in planning scientific enquiries, measuring and recoding data as well as reporting and resending findings through practical activities.

 <p>HUMANITIES</p>	<p>We will be going back in History for this half term by looking at Tudor Britain.</p> <p>In this topic, we will be exploring dynasties from 1066 onwards, understanding what a civil war is and what happened in the War of the Roses and the Battle of Bosworth. Additionally, we will be looking at Henry VIII and Elizabeth I and how she lead the English Navy to victory against the Spanish Armada.</p>
 <p>MUSIC</p>	<p>In Music this half term, we will continue exploring another style of music as part of our 20th century music - Rock and Roll. We will play the piano and will listen to a wide range of artists and rock and roll songs.</p>
 <p>ART</p>	<p>Art and Design in Year 5 will focus on pattern and print. Children will look at prints, textiles, craft makers and designers from different cultures to inspire their own art work. They will design and make their own printing block and create a repeating pattern.</p>
 <p>French</p>	<p>In year 5 and year 6, pupils will be learning about the topic of family. They will learn vocabulary for different family members, how to describe them, and will also look at the grammar topic of 'possessive adjectives'. They will learn the 3 different ways to say 'my' and will know when to use each one.</p>
 <p>RELIGIOUS EDUCATION</p>	<p>In RE this half term, we will be focusing on the disposition of being open, honest and truthful. We will explore why the truth matters, how members of Christianity find out what is right and how they learn to live openly, honestly and truthfully.</p>
 <p>PSHE</p>	<p>In PSHE this half term, we will be exploring 'How we can help in an accident or emergency?' Children will learn how to carry out basic first aid including for burns, scalds, cuts, bleeds, choking, asthma attacks or allergic reactions. They will learn that if someone has experienced a head injury, they should not be moved. As well as that, we will explore when it is appropriate to use first aid and the importance of seeking adult help.</p>



In Computing this half term, we will be creating infographics based on our Geography topic, North America. We will be learning about what infographics are and why they are used. Once we have a good understanding of the features we will be planning and creating our own ensuring that we use an appropriate colour scheme, effective font/lettering and eye-catching and easy to understand visuals.



This half term in PE, we will be learning about invasion games. In a range of sports, we will be developing flexibility, strength, technique, control and balance through skills such as dribbling, passing, tackling, attacking and defending.