

Our Local Area - Autumn Term 2022



<p>Big Question What made Long Wittenham the village it is today?</p>	<p>Hook- Children learn all about the village they go to school in and where most of them live. Look back in time at how the village has changed and what it once looked like millions of years ago.</p>	<p>Meaningful Experiences An archaeological dig, navigating and plotting maps, making and trying Tudor food, creating a miniature Tudor gown.</p>
<p>Links to our vision- 'Caring for others and courageously striving for excellence'</p> <p>This term we will focus on how the decisions of others has impacted our lives today and how the small changes we can make can have an impact too, helping to make positive changes for Long Wittenham.</p>	<p>Links to learning behaviours</p> <p><i>Aspiration-</i> Always challenging ourselves in every subject to be the best we can be. <i>Curious-</i> To ask questions that steer us to new learning and knowledge. <i>Community-Minded-</i> What it means to be part of a community and the impact we all can have. <i>Determined-</i> To develop our skills of perseverance - never giving up if things get tough! <i>Independent-</i> Knowing and understanding we each have our own strengths and weaknesses.</p>	<p>Links to fundamental British values and celebrating diversity</p> <p>We will focus on the British Value of 'tolerance' looking at mutual respect and tolerance of those with different faiths and beliefs. And how the beliefs of monarchs have impacted on the entire country, and even Europe.</p>

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Literacy

We will begin this term by delving into the world of Shaun Tan and the incredible picture books and stories he has created. First we will look at the tale of 'Eric' and discuss the choices the author made and how these impact on our views.

Afterwards, we will write from the point of view of different characters, using our skills to empathise and consider how others may see the world.

'The Lost Thing' by Shaun Tan offers us another insight into an alien realm and we will use this to help us write our own information text for any unfortunate travellers who may stumble across a 'Lost Thing' themselves.

We will then move onto looking at 'Brightstorm' by Vashti Hardy, using this text to inspire us to write new scenes, a report and learn how to write persuasively.

Maths

This term is going to be so much fun! We will start by looking at how we can represent mathematical problems with visual concepts such as bar and cherry models. By learning to use these tools, it will help us to break down complex word problems and solve complicated equations!

Once we have mastered the bar model, we will dive into multiples of 1,000. This simple concept will give us the skills to multiply and divide effortlessly with powers of ten. We will even use a Gattegno Chart to help us.

Following this, we will recap and refresh our knowledge and understanding of rounding and negative numbers, before moving onto shapes, including calculating angles and then master the skills of multiplication and division.

Science	History	Geography	Art & DT
<p>In science this term, we will be putting a variety of theories into practice – exploring and learning all about ‘Materials and their Properties’.</p> <p>We will be participating in and creating a series of practical investigations into what properties different materials possess; the levels of thermal and electrical conductivity; and which changes are reversible and which are not.</p> <p>Afterwards, taking inspiration from Darwin to Sir David Attenborough; we will look at ‘Life Cycles’ and how and where animals and plants get their energy from.</p>	<p>Our topic this term will see us examining the dark history of the Tudors and how, through their choices and decisions, our present lives have been impacted. We will particularly focus on the Reformation of the Churches; visiting Long Wittenham Church to discover what changes the rise of Protestantism brought with it.</p> <p>We will investigate what fanned the flames of these changes and ponder how our world might look today if they had never occurred.</p>	<p>Long Wittenham is steeped in history, and to truly discover its past we need to explore and dig! We will begin by using maps to plot and explore our local surroundings. Before looking back, millions of years to see how our landscape has changed and what caused it to become the place we know and love today – including doing our very own archaeological dig to see if we can discover some evidence of the past!</p> <p>We will then travel back to the present day to investigate what Long Wittenham has, what it needs, and what we can do to improve our own towns and villages.</p>	<p>This term is packed full of incredible opportunities to work on our art skills and develop our designing and creating abilities.</p> <p>We will begin by sketching Tudor-style portraits; practising our sketching and shading skills. We will progress with this onto drawing ourselves as Tudor Monarchs!</p> <p>In DT we will be cooking and trying some traditional Tudor cuisine! And then move on to designing, creating and evaluating our very own miniature Tudor gowns – sewing needles at the ready!</p>

R.E.	Computing	Music	PSHE
<p>Q1. Do Muslims need the Qur'an?</p> <p>They will learn about the importance of the Qur'an and evaluate its impact on Muslim life. They will make comparisons with other sacred texts they have encountered.</p> <p>Q2. Does God communicate with humans?</p> <p>They will learn prophecies that Christians link to the birth of Jesus and the impact these have on the Christmas story. They will understand scriptures (the Bible and Qur'an) as the word of God but will understand the difference between them.</p>	<p>In ICT we will be focusing on coding and learning how to:</p> <ul style="list-style-type: none"> • To begin to simplify code. • To understand what a simulation is. • To program a simulation using 2Code. • To know what decomposition and abstraction are in computer science. • To take a real-life situation, decompose it and think about the level of abstraction. • To understand how to use friction in code and to understand what a function is and how functions work in code. • To understand what the different variables types are and how they are used differently. • To understand how to create a string. • To understand what concatenation is and how it works. 	<p>All our musical focus this term is focused around one song: Livin' On A Prayer by Bon Jovi. These lessons present an integrated approach to music where games, the dimensions of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked.</p> <p>As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other classic rock songs.</p>	<p>In our Personal, Social and Health Education lessons this term, we will be focusing on working together and the skills needed to form lasting friendships as well as learning how to stand-up for ourselves. We will also be learning that it is okay to be different; and how to be tolerant and respect the things that make us unique.</p>