
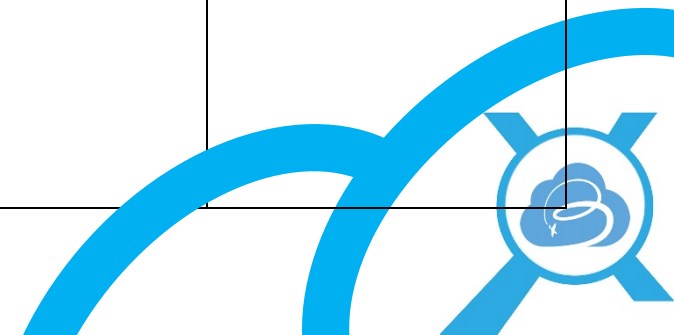


<p>Pearl Base This term we are learning about "How does it work?"</p>	<p>How does it work?</p>	<p>Our Change Maker principle, this term is 'Positive'</p> 
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English	Maths	Science	Computing	PSHE/RSE
<p>Wolf Brother is our text this half term!</p> <p>We are reading a wide range of fiction and non-fiction, including particular whole books, short stories, poems and plays with a wide coverage of genres, historical periods, forms and authors.</p> <p>We are working on writing accurately, fluently, effectively and at length for pleasure and information, for a wide range of purposes and audiences.</p>	<p>Add and subtract whole numbers with more than 4 digits, rounding to check answers.</p> <p>Complete a range of calculations including missing numbers, inverse, mental and multi-step problems.</p> <p>Make and test conjectures about patterns, relationships and sequences.</p>	<p>Young people will be delving into the carbon cycle and how carbon is cycled around the earth, including photosynthesis, respiration, combustion and decay. They will be developing an understanding of the dependence of almost all life on Earth on the ability of photosynthetic organisms, such as plants and algae, to use sunlight and carbon dioxide in photosynthesis to build organic molecules. They will look into photosynthesis as a chemical reaction and factors that might limit it. We will be working scientifically to test a leaf for starch including making predictions based on their knowledge and following a procedure. We will be looking at leaves and how they are adapted for photosynthesis and use a light microscope to view and draw the stomata in the leaf that allow carbon dioxide to enter the leaf.</p> <p style="text-align: center;">=</p>	<p>Students will learn how to create their own web pages through the use of Hypertext Mark-up Language (HTML). They will learn the basic structure of all web pages, including how to format the background, add text and images as well as embedding hyperlinks to other pages. Some will also progress to embedding multimedia components (sound and video) into their pages.</p>	<p>Students will learn about safety in their local area both within and outside of school.</p> <p>They will explore the pressures of alcohol and substance mis-use.</p> <p>Young people will also build on their knowledge of healthy and unhealthy friendships and exploitation.</p>



Geography & History	Art and DT	PE & Music	MFL & RE
<p>Geography Young people will begin to understand how human and physical processes interact with one another to influence and change landscapes. Young people will continue to examine rivers. This will include looking at river courses such as meanders and oxbow lakes, floodplains, flood risks, the short- and long-term impacts of flooding. Soft and hard engineering and an assessment on the UK flood risks and preventative measures.</p> <p>History This term, students will continue to look at the significance of the Norman Conquest. They will look at the events following the Norman victory at the Battle of Hastings, such as the various uprising and rebellions, as well as the development of Motte and Bailey and later, Stone Keep castles that were used to subdue the Anglo-Saxon population.</p>	<p>Art: Studying the work of artist L.S Lowry. Young people will create imaginative responses and representations of the real world in response to their study of artists, craftspeople and designers, remaining flexible to adapt and change the characteristics for a specific meaning. They will compare, analyse and describe different ideas and approaches used by artists and designers, recognising the influence of contexts, cultures and times on their work. Young people will successfully explore the expressive characteristics of different media, processes and techniques, in order to express personal ideas, communicate meaning and intentions; independently improving their practical skills or understanding of the qualities of different materials and processes as they purposefully investigate and experiment for a purpose.</p> <p>Woodwork Thinking about properties and qualities of materials, pupils will explore and develop their ideas, making detailed plans in order to design a variety of items which link to seasonal celebratory events. They will test their final products in order to evaluate their technical skill set.</p> <p>Food Technology Pupils will compare foods that are grown, processed, reared and caught. They will look at the ingredients of 'winter warmer' food dishes and identify substances such as fruit and vegetables, carbohydrates, protein, dairy and fatty foods. They will create a variety of celebration dishes from around the world.</p>	<p>PE Young people will explore movements, shapes, speed and direction that can be linked to creating a short dance. They will aim to repeat, remember and perform phases as well as having time to improvise freely to a stimulus, giving them the opportunity to be creative. Young people will learn how to move in time with the beat, putting their dances to suitable music. They will work independently, with a partner and as part of a group, sharing their ideas to create their own routine.</p> <p>Music Students will be able to comment and identify a riff and a hook within a piece of music, using this knowledge to perform a riff as part of an ensemble and exploring ensemble skills. Students will recap key musical knowledge, such as how to perform a chord as well as performing with correct technique. Students will also explore reading notes on the treble clef, remembering rhymes to help them identify notes in the spaces and on the lines. Students will have the opportunity to perform on either keyboard or guitar, performing both chord sequences and riffs. Students will continue to develop their use of key musical terminology through various listening activities, identifying elements such as tempo, texture, timbre, pitch, dynamics and instruments.</p>	<p>Spanish Pupils will practise basic phonetic knowledge for pronunciation and spelling of Spanish words. They will work on improving memory skills through a variety of interactive activities.</p> <p>RE We will be learning about the Hindu festival of Diwali.</p> <p>Students will focus on the Christian celebration of Christmas.</p>

