

Year 7
Overview of Learning.

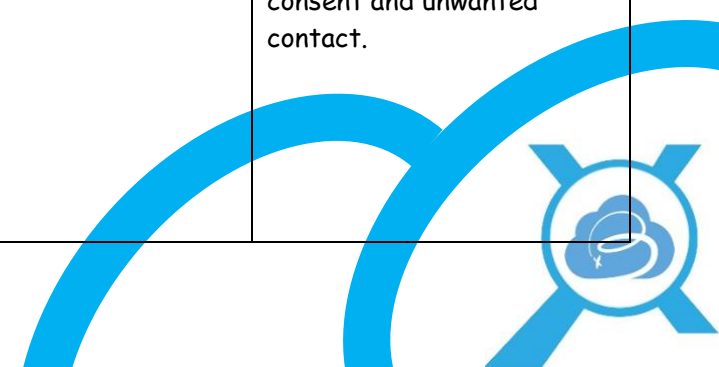
This term we are learning about
"What's the matter?"



Our Change Maker principle,
this term is 'Share'



English	Maths	Science	Computing	PSHE
<p>Pupils will continue to read Wolf Wilder by Katherine Rundell.</p> <p>Pupils will develop an appreciation and love of reading, and read increasingly challenging material independently. They will develop creative expression.</p> <p>Pupils will write accurately, fluently, effectively and at length for pleasure and information. They will achieve this by exploring the setting and characters, themes and symbolism.</p> <p>Pupils will be introduced to point, evidence, explain (PEE) paragraphs and learn to successfully analyse information learnt through the medium of newspaper writing.</p>	<p>Pupils will be studying fraction, decimal and percentage equivalence.</p> <p>They will learn how to convert between common fractions, decimals and percentages (including simple and recurring decimals where appropriate).</p> <p>Pupils will also be able to recognise and generate equivalent forms (for example $1/2 = 0.5 = 50\%$).</p> <p>They will order fractions, decimals and percentages on a number line.</p> <p>Pupils will also apply equivalence to find percentages of quantities and solve contextual problems and be able to explain reasoning using correct mathematical vocabulary.</p>	<p>Pupils will explore how substances change state when heated or cooled.</p> <p>They will investigate melting, freezing, evaporation, boiling, and condensation.</p> <p>Through practical experiments, pupils will observe ice melting, water boiling, and steam condensing, while measuring temperature changes.</p> <p>They will learn that during melting and boiling the temperature remains constant because energy is being used to change the arrangement of particles rather than increase their temperature.</p>	<p>This half-term, Year 7 pupils will build on core digital skills and develop their computational thinking through practical programming and short projects. They will learn to design and test algorithms, use variables, selection and iteration to create simple programmes, practise systematic debugging, and begin to understand how data is stored and transmitted across networks.</p>	<p>Pupils will learn about health and puberty.</p> <p>They will specifically look at healthy routines; making choices about diet and exercise.</p> <p>Pupils will discuss influences on health; tobacco and nicotine, alcohol and risk.</p> <p>They will learn about and understand puberty and the emotional changes this brings.</p> <p>Pupils will also learn about consent and unwanted contact.</p>



Geography & History	Art and DT	PE & Music	MFL & RE
<p><u>Geography</u> This half-term pupils follow an Oak Academy unit exploring how physical processes shape the landscape – typically focusing on rivers and coasts. Lessons develop understanding of processes such as erosion, weathering and deposition, and you can expect study of key landforms (for example meanders, oxbow lakes, deltas, cliffs and bays). Pupils will also practise map and fieldwork skills – reading grid references, interpreting maps and cross-sections, collecting simple data on visits or school grounds, and presenting findings using charts and annotated diagrams. The unit emphasises geographical enquiry, use of evidence, and human responses such as hard and soft engineering and sustainable management. You can support your child by discussing local rivers or coasts, going on short walks to spot landforms, watching age-appropriate geography programmes together, and asking them to explain processes in their own words using the correct vocabulary.</p> <p><u>History</u> This half term students will start a unit in the English Civil War. They will be questioning what the causes of the Civil War were and</p>	<p><u>Art</u> Pupils will begin to develop a better understanding of what line is and how it is used within art. They will be taught how to use the continuous line technique and how to 'cross hatch' successfully when drawing. Pupils will also be introduced to expressive line and have a go at creating a piece of art in the style of Vincent van Gogh. Lastly, they will learn how to create a wax-resist technique in art.</p> <p><u>Design Technology</u> Pupils will model with paper and boards and learn about sources and stock forms. They will develop 3D computer-aided design knowledge and skills, applying this by designing and simulating mechanical systems using TinkerCAD.</p> <p><u>Food Technology</u> Pupils will learn about the processes of boiling, melting, freezing, evaporating, condensing and solidifying. They will follow step-by-step plans, choosing the right equipment and ingredients to prepare and cook a variety of dishes using a range of cooking techniques, especially demonstrating an increasing confidence in techniques such as measuring, mixing, chopping, baking and cooking. Pupils will cook or bake a product and make sure that it looks attractive, being able to explain the process that they have used.</p>	<p><u>PE</u> Pupils will engage in enhancing their physical skills and artistic expression. They will develop their technique in gymnastics, fostering both fitness and teamwork. Areas of learning will involve key actions, travelling, balances, rolls, jumps and sequences. A key component of our programme will involve pupils analysing their performances against previous efforts, encouraging them to demonstrate improvement and strive for their personal best.</p> <p><u>Music</u> This half term we will be learning about folk music around the world. We will be looking at the roots and purpose of folk music as well as the key features that most folk music has. We will learn to sing and play some songs and compose our own folk song using the key features we have learned</p>	<p><u>MFL</u> Pupils will learn to recognise, recall and remember the 4 seasons in Spanish. They will also learn to recognise, recall and remember a short phrase for each season in Spanish. Pupils will be able to say which season is their favourite in Spanish and attempt to say why, using the conjunctions 'y' and 'porque'.</p> <p><u>RE</u> The pupils will explore the thoughtful question "Do humans have a soul?" and look at what different people believe about this idea. They'll learn how various religions describe the soul, why it is seen as important, and how these beliefs can guide the way people live their lives. The class will also hear non-religious viewpoints, thinking about how some people explain what makes each person unique without using the idea of a soul. The pupils will be encouraged to share their own ideas, ask questions and listen respectfully to different perspectives. Throughout the unit, they'll develop their skills in thinking deeply, understanding</p>

<p>deciding which they think were the most significant. They will then look at the 2 armies and consider the strengths and weaknesses of the Cavaliers and Roundheads. We will then examine the major battles and ask if Marston Moor was a turning point in the war, before looking at the cavalier defeat and the trial and eventual execution of King Charles I.</p>			<p>others' beliefs and forming their own thoughtful opinions</p>
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