



<p>English</p> <p>Year 5 will be studying a class novel from a famous author (Matilda: Roald Dahl) and identifying the various descriptive language features used to represent characters and settings. They will then apply this in a narrative incorporating all the features learnt in class.</p> <p>The children will also be reading a range of fictional Greek myths and legends identifying the emotive and powerful language used. They will be writing their own Greek legend based on the legend of Hercules.</p> <p>Our spellings this term will focus on ough words, words with silent letters, and homophones. We will also start to look at spellings from the Year 5 spelling list.</p> <p>The texts we will be looking at this term will be: Matilda, Theseus & the Minotaur, The Legend of Hercules.</p>	<p>Maths</p> <p>Number and Place Value Year 5 will read and write and order up to 7 digit numbers and numbers up to 3 decimal places, recognising the value of each digit. They will also be able round to the nearest 10, 100 and 1000, and round decimals with two decimal places to the nearest whole number and to one decimal place. They will count forwards and backwards in steps of powers of 10 for any given number up to 1 000 000. They will multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 and solve problems involving number up to three decimal places.</p> <p>Addition and Subtraction The children will add and subtract whole numbers with more than 4 digits, using the formal written methods. They will use rounding to check answers to calculations. They will solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</p> <p>Angles Year 5 will know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles and draw given angles and measure them in degrees (°).</p> <p>Shape The children will distinguish between regular polygons based on reasoning about equal sides and angles. They will use the properties of rectangles to deduce related facts and find missing lengths and angles and measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.</p> <p>Statistics Year 5 will solve comparison, sum and difference problems using information presented in a line graph.</p>	<p>Science</p> <p>Properties of Materials The children will be investigating the different states of matter (solid, liquids and gases). They will then compare and group together materials based on their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.</p> <p>Material Changes The children will dissolve materials in liquid to form a solution and describe how to recover a substance from a solution. They will use their knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. They will demonstrate that dissolving, mixing and changes of state are reversible changes.</p> <p>The children will also investigate how some changes result in the formation of new materials, and that this kind of change is not usually reversible</p>	<p>Computing Programming</p> <p>Children will:-</p> <ul style="list-style-type: none"> Use a variable to increase programming possibilities Use 'if' and 'then' commands to select an action Use logical reasoning to detect and debug mistakes in a program Change an input to a program to achieve a different output. Decompose a problem into smaller parts to design an algorithm for a specific outcome and use this to write a program. Build understanding of variables and use them to count in Scratch Use Scratch to count in Roman Numerals <p>Technology in our lives Children will:-</p> <ul style="list-style-type: none"> Describe different parts of the Internet e.g. how information is stored Recognise and evaluate different types of information on the World Wide Web. Search for sound effects to add to a piece of writing Learn how computer scientists find information <p>Handling Data and Multimedia Children will:-</p> <ul style="list-style-type: none"> Choose an appropriate tool to help collect data Talk about mistakes in data and suggest how it could be checked Present data in an appropriate way Review and improve own work and support others to improve their work <p>Online Safety Children will:-</p> <ul style="list-style-type: none"> Know which resources on the Internet I can download and use Explain why I need to protect my computer or device from harm 	<p>RE</p> <p>Sikh Dharam Key Question - Why do people follow sacred books?</p> <ul style="list-style-type: none"> Who and what tells us what the truth is? Where do Sikhs find the truth? How do teachings help Sikhs? To understand the importance of truths to Sikhs. Children to understand teachings given from the Guru Granth Sahib To be able to illustrate teachings from the Guru Granth Sahib.
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AUTUMN TERM - IT'S ALL GREEK TO ME

<p>History</p> <p>Year 5 will look to place the Greeks as a civilisation in the history of time. They will then research and place significant events in Greek history on a detailed timeline using vocabulary to indicate the passing of time.</p> <p>The children will take part in a Greek Day, which will include clues of what Greek life was like (slave auction, art trades and role plays).</p> <p>The children will look at various artefacts highlighting the Greek culture and importance of Gods within the era. They will then research this further creating detailed information about each God.</p>	<p>Geography</p> <p>The children will use maps, pictures and atlases to compare and contrast Ancient Greece to modern day Greece, focusing on the environmental features which were relevant to the era. They will then complete a comparison map of both showing the differences.</p> <p>They will also highlight the major city states and offer an understanding of why each one was considered important during this time.</p>	<p>Art and Design</p> <p>Year 5 will be planning and designing a Greek pot, which symbolises Greek culture. This will include detailed drawings, shadings and scales showing why and how they are going to make it.</p> <p>They will also be planning and designing a Greek mask, which will capture the culture of Ancient Greece (Gods, theatre and mythical beasts). This will involve precise scaled drawings and designs showing their ideas.</p> <p>The children will make observational sketches at various points during our school trip to Liverpool. They will be looking at line and tone to create texture when sketching columns and artefacts.</p>	<p>Design Technology</p> <p>The children will be creating their Greek pots using clay and a particular rolling method. They will learn to handle and manipulate the clay to form a pot which matches their designs brief.</p> <p>They will use paper mache to layer the outline of their Greek mask. This will then require shaping, moulding and cutting to create facial features.</p> <p>Finally we will also be following food safety hygiene procedures when preparing and eating our Greek food during our Greek Day.</p>	<p>Spanish</p> <p>During this half term through speaking and listening, reading and writing activities we will be learning about 'Me and My friends'.</p> <p>Pupils will listen and respond to a number of questions about themselves and begin to use their knowledge of the language to find out about other people in the class by asking questions themselves.</p> <p>We will begin to use the third person form of familiar verbs and learn how to introduce other people in the class as well as describe their physical appearance to create a simple written fact file about their best friend.</p>	<p>Music</p> <p>Year 5 will be looking at traditional Greek music this term: Zorba's Dance.</p> <p>During our lessons we will be listening to the music and understanding its geographical origin.</p> <p>They will be finding the correct pulse, rhythm and pitch.</p> <p>Year 5 will also be learning certain moves to the dance and how it evokes emotions and feelings through its quick and slow movements.</p> <p>They will also be using percussion instruments to improvise and compose a section of the music too.</p>
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