

<b>English</b>		<b>Mathematics</b>	
<b>Reading</b> <ul style="list-style-type: none"> <li>• apply knowledge of root words, prefixes and suffixes</li> <li>• read and discuss a wide range of genres</li> <li>• discuss books they enjoy with their peers</li> <li>• Support inferences with evidence</li> <li>• Identify key points from texts</li> <li>• Identify how the language and structure contribute to the meaning of the book</li> <li>• Discuss use of language used within the book</li> </ul>	<b>Writing</b> <ul style="list-style-type: none"> <li>• Use knowledge of morphology and etymology in spelling</li> <li>• Develop a legible cursive handwriting style</li> <li>• Consider audience and purpose when planning writing</li> <li>• In narrative, develop the character and setting</li> <li>• Select and use grammar and vocabulary for effect</li> <li>• Ensure grammar is consistent throughout writing</li> </ul>	<b>Vocabulary, grammar and punctuation</b> <ul style="list-style-type: none"> <li>• Use appropriate style for purpose</li> <li>• Use features of the genre to convey and clarify meaning</li> <li>• Use a full range of punctuation</li> </ul> <b>Speaking and listening</b> <ul style="list-style-type: none"> <li>• Use questions to build knowledge</li> <li>• Articulate arguments and opinions</li> <li>• Use spoken language to speculate, hypothesise and explore</li> <li>• Use appropriate language for purpose</li> </ul>	<b>Number and place value/Calculation</b> <ul style="list-style-type: none"> <li>• Secure place value and rounding to 10,000,000, including negative numbers</li> <li>• Use all written methods confidently including long division</li> <li>• Use order of operations</li> <li>• Identify factors, multiples and prime numbers</li> <li>• Solve multi step number problems</li> </ul> <b>Algebra</b> <ul style="list-style-type: none"> <li>• Introduce simple use of unknowns</li> </ul> <b>Geometry and measures</b> <ul style="list-style-type: none"> <li>• Confidently use a range of measures and conversions</li> <li>• Calculate areas of triangles and parallelograms</li> <li>• Use area and volume formulas</li> <li>• Classify shapes by properties</li> <li>• Know and use angle rules</li> <li>• Translate and reflect shapes using all four quadrants</li> </ul> <b>Data</b> <ul style="list-style-type: none"> <li>• Use pie charts</li> <li>• Calculate mean averages</li> </ul> <b>Fractions, decimals and percentages</b> <ul style="list-style-type: none"> <li>• Compare and simplify fractions</li> <li>• Divide fractions by whole numbers</li> <li>• Solve problems using decimals and percentages</li> <li>• Use written division up to 2dp</li> <li>• Introduce ratio and proportion</li> </ul>
<b>History</b> <b>Why were the Vikings so vicious? Who were the Mayans and what have we learned from them?</b> <ul style="list-style-type: none"> <li>• A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066</li> </ul>	<b>Geography</b> <b>I'm a Year 6 pupil, get me out of here! Will you ever see the water you drink again?</b> <ul style="list-style-type: none"> <li>• Locate the world's countries focusing on Europe and North and South America</li> <li>• Name and locate counties, cities, regions and features of the UK</li> </ul>		<b>Science</b> <b>Plants and animals</b> <ul style="list-style-type: none"> <li>• Identify main parts of human circulatory system and describe functions</li> <li>• Recognise impact of diet, exercise, drugs and lifestyle on their bodies</li> <li>• Describe how nutrients and water are transported within animals including humans</li> <li>• recognise that living things have changed over time and that fossils provide information</li> <li>• recognise that living things produce offspring of the same kind</li> <li>• identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution</li> </ul>

<ul style="list-style-type: none"> <li>• The achievements of the earliest civilisations</li> <li>• A study of Ancient Greece</li> <li>• A study of a non-European society that provides contrasts with British history</li> <li>• A local history study</li> </ul>	<ul style="list-style-type: none"> <li>• Understand latitude, longitude, equator, hemispheres, tropics, polar circles and time zones</li> <li>• Understand biomes, vegetation belts, land use, economic activity, resources</li> <li>• Use 4 and 6 figure grid references on OS maps</li> <li>• Use fieldwork to record and explain areas</li> </ul>	<p>Light and Electricity</p> <ul style="list-style-type: none"> <li>• recognise that light appears to travel in straight lines and explain that objects are seen because they give out or reflect light into the eye</li> <li>• use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them</li> <li>• associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit</li> <li>• compare and give reasons for variations in how components function</li> <li>• use recognised symbols when representing a simple circuit in a diagram</li> </ul>	
<p><b>Computing</b></p> <ul style="list-style-type: none"> <li>• Design and write programs to solve problems</li> <li>• Use sequence, repetition, inputs and outputs in programs</li> <li>• Detect and correct errors in programs</li> <li>• Understand uses of networks for collaboration and communication</li> <li>• Be discerning in evaluating digital content</li> </ul>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>• Play and perform with control and expression in solo and ensembles</li> <li>• Improvise and compose using dimensions of music</li> <li>• Listen to detail and recall aurally</li> <li>• Use and understand staff and other notations</li> <li>• Appreciate and understand a range of high quality recorded and live music</li> <li>• Develop an understanding of the history of music</li> </ul>	<p><b>PE</b></p> <ul style="list-style-type: none"> <li>• use running, jumping, throwing and catching in isolation and in combination</li> <li>• play competitive games, and apply basic principles suitable for attacking and defending</li> <li>• develop flexibility, strength, technique, control and balance</li> <li>• perform dances using a range of movement patterns</li> <li>• take part in outdoor and adventurous activity challenges both individually and within a team</li> <li>• compare their performances with previous ones and demonstrate improvement to achieve their personal best</li> <li>• swim competently, confidently and proficiently over a distance of at least 25 metres</li> <li>• use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]</li> <li>• perform safe self-rescue in different water-based situations.</li> </ul>	
<p><b>Art and Design</b></p> <ul style="list-style-type: none"> <li>• Use sketch books to collect, record, review, revisit and evaluate ideas</li> <li>• Improve mastery of techniques such as drawing, painting and sculpture with varied materials</li> <li>• Learn about great architects, artists and designers</li> </ul>	<p><b>Design Technology</b></p> <ul style="list-style-type: none"> <li>• Use research and criteria to develop products which fit purpose and users</li> <li>• Use detailed annotated sketches, diagrams and computer aided design</li> <li>• Evaluate own products and use to make improvements</li> <li>• Use mechanical and electrical systems in own products, including programming</li> <li>• Cook savoury dishes for a healthy and varied diet</li> </ul>	<p><b>RE</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>Languages</b></p> <ul style="list-style-type: none"> <li>• Engage in conversations expressing opinions</li> <li>• Speak in simple language and be understood</li> <li>• Develop appropriate pronunciation</li> <li>• Present ideas and information orally</li> <li>• Show understanding in simple reading</li> <li>• Adapt known language to create new ideas</li> <li>• Describe people, places and things</li> <li>• Understand basic grammar</li> </ul>