

**ST John's Highbury Vale Curriculum Newsletter**  
**Year 5**  
**Autumn Term 2021**

<p><b>Mathematics (Autumn Term)</b></p> <p><b>Place Value:</b> Solving problems with changes in place values as well as rounding up and down in 10's, 100's and 1,000's.</p> <p><b>Addition and Subtraction:</b> To use our place value knowledge to revise addition and subtraction strategies, as well as beginning to explore Year 6 word problems.</p> <p><b>Statistics:</b> We will begin to explore using data and statistics to solve questions requiring analysis and sorting, as well as and using our rounding skills.</p> <p><b>Multiplication and division:</b> To use all of our skills from the term to revise multiplication and division strategies, as well as beginning to explore Year 6 word problems involving these functions.</p> <p>As part of the recovery curriculum we will go over the year 4 curriculum statements. This will help us to identify and fill any gaps in learning. Children will:</p> <ul style="list-style-type: none"> <li>Count in multiples of 6, 7, 9, 25</li> <li>Count in multiples of 1,000 backwards through zero to include negative numbers</li> <li>Order and compare numbers beyond 1000</li> <li>Round any number to 10,000 to the nearest 10, 100 or 1000</li> <li>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> <li>Recall multiplication and division facts for multiplication tables up to 12 × 12</li> <li>Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten</li> <li>Round decimals with one decimal place to the nearest whole number</li> <li>Solve simple measure and money problems involving fractions and decimals to two decimal places</li> <li>Convert between larger and smaller units of measure for time and metric weight</li> <li>Compare and classify geometric shapes, including different types of quadrilaterals and triangles, based on their properties and sizes</li> <li>Plot specified points and draw sides to complete a given polygon</li> <li>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> </ul> <p><b>Some helpful websites:</b>  All aspects of maths: <a href="#">Prodigy</a>, <a href="#">BBC Bitesize Maths</a>, <a href="#">Maths Frame</a>  For parents: <a href="#">Maths At Home</a>, <a href="#">The School Run</a> Multiplication tables: <a href="#">TT Rockstars</a>, <a href="#">Top Marks</a>  Problem solving &amp; Reasoning: <a href="#">NRICH</a> Games: <a href="#">Cool Maths Games</a>, <a href="#">Maths Playground</a></p>	<p><b>Writing (Autumn Term)</b></p> <p>This half term, our English lessons will be focused on 'Floodland' by Marcus Sedgwick.</p> <p>Children will:</p> <ul style="list-style-type: none"> <li>Draft and write by organising paragraphs around a theme: in narratives, creating settings, characters and plot</li> <li>Proof-read for spelling and punctuation errors</li> <li>Choose nouns or pronouns appropriately for clarity and cohesion and to avoid repetition</li> <li>Use fronted adverbials with commas</li> <li>Indicate possession by using the possessive apostrophe with plural nouns</li> <li>Use and punctuating direct speech</li> <li>Use pre-fixes and suffixes</li> <li>Use bullet points</li> <li>Use standard English forms for verb inflections instead of local spoken forms</li> </ul> <p><b>SMSC Links: understanding and appreciation of the wide range of cultural influences that have shaped their own heritage and that of others.</b></p> <p><b>Some helpful websites:</b>  <a href="#">Every School</a>, <a href="#">BBC Bitesize</a>, <a href="#">Super Sentence Stacking</a>, <a href="#">Pobble365</a></p> <p><b>Spelling:</b> <a href="#">Spelling Frame</a>, <a href="#">Sir Linkalot</a>, <a href="#">Oxford Owl</a></p>	<p><b>Reading</b></p> <p>As well as practising their reading fluency and spoken expression, the children will learn the following key reading skills:</p> <ul style="list-style-type: none"> <li><b>Retrieve and record</b></li> <li><b>Explain</b></li> <li><b>Infer</b></li> <li><b>Predict</b></li> <li><b>Evaluate</b></li> <li><b>Summarise</b></li> <li><b>Authorial choice</b></li> </ul> <p>Here are some <b>suggested websites</b> with free access to quality fiction and non-fiction texts that can be read and heard:</p> <p><a href="#">Authorfy</a>, <a href="#">David Walliams' Elevensies</a>, <a href="#">Oxford Owl</a></p> <p><b>Comprehension:</b> <a href="#">Read Theory</a>, <a href="#">BBC Bitesize</a></p>	<p><b>Geography</b></p> <p>Children will be learning about 'Rivers and Water Cycle' in their Geography lessons.</p> <p>Children will learn to:</p> <ul style="list-style-type: none"> <li>explain why people are attracted to live by rivers</li> <li>I identify, name and locate many of the world's major rivers on a map</li> <li>identify and label key features of rivers</li> <li>explain why many cities of the world are situated by rivers</li> <li>explain how the water cycle works</li> <li>explain why water is such a valuable commodity</li> <li>explain the importance of dams and floodplains</li> <li>use an atlas, books and the internet to develop my knowledge about rivers and the water cycle</li> </ul>
<p><b>Computing:</b></p> <p>This term children will explore online safety and coding. Children will learn to understand the importance of being safe online and using computing as media.</p> <p>Children will:</p> <ul style="list-style-type: none"> <li>use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact</li> <li>create online content for media</li> </ul> <p><b>SMSC Links: use of imagination and creativity in their learning.</b>  <a href="https://www.bbc.co.uk/bitesize/subjects/zvnrq6f">https://www.bbc.co.uk/bitesize/subjects/zvnrq6f</a>, <a href="#">Safety Net Kids</a>, <a href="#">Safer Internet</a></p>	<p><b>Religious Education</b></p> <p>Our topic this term will be based around the question; 'What can we learn about the importance of Wisdom?' and 'How does art and music convey Christmas?' We will be learning about the 'Book of proverbs' and how they have impact on Christians today. We will explore Christmas through art and music.</p> <p><b>SMSC Links: understanding and appreciation of the range of different cultures within school and further afield as an essential element of their preparation for life in modern Britain.</b></p> <p>This terms Christian Value is 'Respect'.</p> <p><b>Useful website:</b> <a href="#">BBC Bitesize</a></p>	<p><b>Science</b></p> <p>Throughout the year, children have been developing their 'Working Scientifically' skills, including data recording, analysing, planning, measuring and making predictions.</p> <p>The children will be learning about Forces.</p> <p>Children will:</p> <ul style="list-style-type: none"> <li>explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</li> <li>identify the effects of air resistance, water resistance and friction, that act between moving surfaces</li> <li>recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect</li> <li>plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary</li> <li>use test results to make predictions to set up further comparative and fair tests</li> </ul> <p><b>SMSC Links: enjoyment and fascination in learning about themselves, others and the world around them</b>  <b>Some helpful websites:</b> <a href="#">BBC Bitesize</a>, <a href="#">The School Run</a>, <a href="#">Crickweb</a>, <a href="#">Woodlands</a></p>	
<p><b>French</b></p> <p>Children will continue to have French lessons with Judy on Thursday afternoons.</p>	<p><b>Music</b></p> <p>Tuesday and Wednesday afternoons will be spent learning the principles of beat, rhythm and musical timing. Alongside learning to play the Flute this academic year.</p>	<p><b>Physical Education (MONDAY and THURSDAY'S)</b></p> <p>Our physical curriculum will focus on teamwork, combining controlled movements, developing our throwing accuracy and developing tactical awareness. Our main focus will be on Rounders and Tag Rugby.</p> <p><b>Some suggested websites to help you keep fit:</b>  <a href="#">Joe Wicks' Daily PE lesson</a>, <a href="#">Cosmic Kids Yoga</a></p>	