



# ST JOHN'S HIGBURY VALE CURRICULUM LETTER YEAR 4 AUTUMN TERM 2

<p><b>Mathematics</b></p> <p><b>Statistics:</b> children will learn to interpret and present discrete and continuous data using bar charts, time line graphs, pictograms and tables. They will also solve problems and interpret data.</p> <p><b>Fractions:</b> children will learn to recognise and show, using diagrams, families of common equivalent fractions. In addition, they will learn to add and subtract fractions with the same denominator.</p> <p><b>Multiplication &amp; division:</b> children will recall and use multiplication and division facts for multiplication tables up to 12 X 12. They will use these <b>facts and place value to multiply larger numbers mentally. Lastly, they will learn to multiply two digit and three digit numbers by a one digit number using formal written layout (short multiplication)</b></p> <p><b>Measures:</b> children will learn to estimate, compare and calculate different measures, as well as convert between different units of measure (for example, km to m)</p> <p><b>Times Tables:</b> By the end of this academic year children should be able to recall all tables up to 12x12 *Plus division facts <b>3 x 2 = 6 so 6 ÷ 2 = 3</b></p> <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="#">Top Marks or hit the button</a> Problem solving &amp; Reasoning: <a href="#">NRICH</a> Games: <a href="#">Cool Maths Games</a>, <a href="#">Maths Playground</a></p>	<p><b>English</b></p> <p><b>Writing:</b> Our focus text for this term will be 'Arthur and the Golden Rope' written by Joe Todd Stanton. This will cover elements of writing that include letter writing, poetry, script for advertisement and non-chronological writing. We will use these lessons to teach various grammar techniques that the children should be using in their writing.</p> <p><b>Reading:</b> This term our reading lessons will be focused on 'Arthur and the Golden Rope' written by Joe Todd Stanton. Children will also look at some non-fiction texts related to 'Sound' and the 'Vikings'.</p> <p><b>SMSC Links: sense of enjoyment and fascination in learning about themselves, others and the world around them.</b> Reading: Children will look at a variety of different texts that are fiction and non-fiction this term. Children to continue daily reading and writing a comment in their reading records. <b>Some helpful websites:</b> <a href="#">Every School</a>, <a href="#">BBC Bitesize</a>, <a href="#">Super Sentence Stacking</a>, <a href="#">Pobble365 Spelling Frame</a>, <a href="#">Sir Linkalot</a>, <a href="#">Oxford Owl</a></p>	<p><b>Science:</b></p> <p>The children will be learning about 'Sound'. They will learn how to identify how sound is made, how sound travels and to understand pitch and vibrations.</p> <p>Children will:</p> <ul style="list-style-type: none"> <li>• identify how sounds are made, associating some of them with something vibrating</li> <li>• recognise that vibrations from sounds travel through a medium to the ear</li> <li>• find patterns between the pitch of a sound and features of the object that produced it</li> <li>• find patterns between the volume of a sound and the strength of the vibrations that produced it</li> <li>• recognise that sounds get fainter as the distance from the sound source increases</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> <a href="https://www.bbc.co.uk/bitesize/topics/zgffr82">https://www.bbc.co.uk/bitesize/topics/zgffr82</a></p>
<p><b>Religious Education</b></p> <p>We will be looking to answer the question 'What do Christians mean by peace at Christmas?' We will be learning what peace is and what Christians believe about the peace Jesus brings to our lives. Children will discuss how they can deliver the message of peace to the world, especially over the Christmas period.</p> <p><b>SMSC Links: exploring, improving understanding of and showing respect for different faiths and cultural diversity.</b></p>	<p><b>History</b></p> <p>Our topic for this term is The Vikings. We will be exploring where The Vikings came from and why they came to Britain. This will also include Viking invasions, Gods, ruins, family life and jobs.</p> <p>Children will:</p> <ul style="list-style-type: none"> <li>• Learn about Viking raids and invasions</li> <li>• Place events in chronological order from a period of study</li> <li>• Identify key features of events during the Viking period of history</li> <li>• Use evidence to build up a picture of past events in history</li> <li>• Ask a variety of questions</li> <li>• Use the internet and books to research Viking history</li> </ul> <p><b>SMSC Links: 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="https://www.bbc.co.uk/bitesize/topics/ztr9i6">https://www.bbc.co.uk/bitesize/topics/ztr9i6</a></p>	<p><b>Art &amp; design</b></p> <p>We will be focusing on 3d/textiles this half-term.</p> <p>Children will:</p> <ul style="list-style-type: none"> <li>• Experiment with and combine materials and processes to design and make 3D forms</li> <li>• Begin to sculpt clay and other mouldable materials</li> <li>• Use early textile and sewing skills as part of a project</li> </ul> <p><b>SMSC Links: Engagement in and developing an appreciation for artistic opportunities.</b></p>
<p><b>Physical Education</b></p> <p>This term the children will be doing gymnastics, rounders and dodgeball. Children will also be doing swimming lessons every afternoon, for a two week period, starting the week beginning 29<sup>th</sup> November 2021.</p> <p>Children will learn to:</p> <ul style="list-style-type: none"> <li>• Balance, roll, bridge and shoulder stand</li> <li>• Throw, catch, dodge and block</li> <li>• Build confidence</li> <li>• Work collaboratively and communicate effectively</li> </ul> <p><b>SMSC Links: willingness to participate in and respond positively to sporting opportunities.</b></p> <p><b>Some suggested websites to help you keep fit at home:</b> <a href="#">Joe Wicks' Daily PE lesson</a> <a href="#">Cosmic Kids Yoga</a></p>	<p><b>Computing</b></p> <p>This term the children will explore what it means to be safe whilst online. We will also look at how to use a search engine, e.g. Google, and looking at the most credible sources for information. We will also use computing to support their historical research of The Vikings.</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>• use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>• select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</li> </ul> <p><b>SMSC Links: use of imagination and creativity in their learning.</b> <b>Useful website</b> <a href="https://www.bbc.co.uk/bitesize/subjects/zvnr6f">https://www.bbc.co.uk/bitesize/subjects/zvnr6f</a></p>	
<p><b>Music</b></p> <p>The children will continue to learn how to play the trumpet in their music sessions.</p> <p><b>SMSC Links: sense of enjoyment and fascination in learning about themselves, others and the world around them.</b></p>	<p><b>French</b></p> <p>The children will learn to speak about different types of countries and nationalities in French.</p>	<p><b>PSHE</b></p> <p>This term we children will be learning about 'Celebrating Difference'. We will be focusing on exploring difference and celebrating our personal unique qualities. We will learn how our assumptions can affect our self and others around us. We will also explore bullying, problem solving, and how we look.</p> <p><b>SMSC Links: understanding of the consequences of their behaviour and actions.</b></p> <p><b>Useful website</b> <a href="https://www.bbc.co.uk/bitesize/subjects/zatnvcw">https://www.bbc.co.uk/bitesize/subjects/zatnvcw</a></p>