



# ST JOHN'S Highbury Vale CURRICULUM LETTER YEAR 4

## SPRING TERM 3

<p><b>Mathematics</b></p> <p><u>Decimal fractions:</u> Children will focus on fractions are equal parts of a whole and <math>1/10 =</math> one whole divided into 10 pieces. We will engage with the number system and understand that base 10 and decimal fractions 0.1 are linked to other fractions.</p> <p><u>Calculating, Patterns &amp; Algebra + and -:</u> Children will be using a whole-part model to picture addition and subtraction. We will use bar models will help to picture which operation to do. We will look at rounding and see how it can help to get a sense of the size of the answer. We will also look at finding the difference on a number line and understanding how it is often the most efficient method when finding change from money.</p> <p><u>Measures - Time:</u> children will work on reading Roman numerals to 100 (I to C). They will also be looking at problems involving time concepts and conversions.</p> <p><u>Times Tables:</u> By the end of this academic year children should be able to recall all tables up to 12x12 *Plus, division facts <math>3 \times 2 = 6</math> so <math>6 \div 2 = 3</math></p> <p><u>Some helpful websites:</u> 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><u>Writing:</u> Our focus text for this term will be 'Noah Barleywater Runs Away' by John Boyne and a shorter novel called 'Belonging' by Jeannie Baker. These novels will cover elements of writing that include news reports, text-based speech letters, treaty information booklets, and writing in a role. We will use these lessons to teach various grammar techniques that the children should be using in their writing.</p> <p><u>Reading:</u> This term our reading lessons will be focused on 'Noah Barleywater Runs Away' by John Boyne. Children will also look at some non-fiction texts related to 'Electricity' and 'Types of Settlements'.</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. <u>Some helpful websites:</u> <a href="#">Every School</a>, <a href="#">BBC Bitesize</a>, <a href="#">Super Sentence Stacking</a>, <a href="#">Pobble365</a>, <a href="#">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 'Electricity'. They will learn about electricity and how it works and powers appliances to hydro dams.</p> <p>Children will:</p> <ul style="list-style-type: none"> <li>Identify common appliances that run on electricity.</li> <li>Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches, and buzzers.</li> <li>Identify whether a lamp will light in a simple series circuit, based on whether the lamp is part of a complete loop with a battery.</li> <li>Recognise that a switch opens and closes a circuit and associate this with whether a lamp lights in a simple series circuit.</li> <li>Recognise some common conductors and insulators, and associate metals with being good conductors</li> </ul> <p><b>SMSC Links: enjoyment and fascination in learning about themselves, others, and the world around them.</b> <u>Some helpful websites:</u> <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 at Hinduism this term and exploring the Big question: How do Hindus worship?</p> <p>Each week we will be learning about and answering the following questions: Why do Hindus have many images of God? Why is the Aum symbol important to Hindus? How do Hindus worship at home? How does a Hindu priest help Hindus worship at the mandir? Why do Hindus go on pilgrimage</p> <p><b>SMSC Links: exploring, improving understanding of, and showing respect for different faiths and cultural diversity.</b></p>	<p><b>Design Technology</b></p> <p>This term the children will be looking at 'Electrical and Mechanical Components'.</p> <p>Children will:</p> <ul style="list-style-type: none"> <li>Design, build, and test a product (simple circuit) which uses both electrical and mechanical components</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><u>Some helpful websites:</u> <a href="https://www.bbc.co.uk/bitesize/topics/ztyr9j6">https://www.bbc.co.uk/bitesize/topics/ztyr9j6</a></p>	<p><b>Art &amp; Design</b></p> <p>Art: We will be focusing on 'Use of IT' to engage with artwork and digital media.</p> <p>Children will:</p> <ul style="list-style-type: none"> <li>Discover and research digital images, graphics, and text</li> <li>Present a collection of digital work in a slideshow</li> <li>Create a piece of artwork which includes digital images that they have taken</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 participating in dance, football, and basketball activities whilst improving their skills sets in these areas.</p> <ul style="list-style-type: none"> <li>Children will learn to: cooperate in games and activities.</li> <li>Improve dribbling, shooting, scoring, and defence strategies</li> </ul> <p><b>SMSC Links: willingness to participate in and respond positively to sporting opportunities.</b></p> <p><u>Some suggested websites to help you keep fit at home:</u> <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 'Communicating'.</p> <p>Children will: learn about the benefits of ICT (sending messages to communicate). They will work with apps like Word to learn about beneficial ICT technologies like spell check and review and edit. Children will use these ICT apps to help them with their writing in English, and science.</p> <p><b>SMSC Links: use of imagination and creativity in their learning.</b> <u>Useful website</u> <a href="https://www.bbc.co.uk/bitesize/subjects/zvnrq6f">https://www.bbc.co.uk/bitesize/subjects/zvnrq6f</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 the children will be learning about 'Dreams and Goals'. Children will learn about goal setting, resilience, having a positive attitude, and dealing with disappointment</p> <p><b>SMSC Links: understanding of the consequences of their behaviour and actions.</b></p> <p><u>Useful website</u> <a href="https://www.bbc.co.uk/bitesize/subjects/zqtnvcw">https://www.bbc.co.uk/bitesize/subjects/zqtnvcw</a></p>