

ST John's Highbury Vale Curriculum Newsletter
Year 5
Summer Half Term 1 2023

<p><u>Mathematics</u></p> <p>Fractions: Multiply a fraction by an integer, calculate a fraction of a quantity/amount, use fractions as operators</p> <p>Shape, Position and Direction: Understand and use degrees, classify and calculate angles, regular and irregular polygons, 3D shapes, read and plot coordinates, translation, lines of symmetry</p> <p>Converting units: kilograms and kilometres, millimetres and millilitres, converting between metric and imperial, converting units of time</p> <p>Please complete homework which is given out on a Friday and due the following Wednesday. Maths homework will always include Arithmetic calculations as well as an assessment style reasoning problem.</p> <p>Some helpful websites: All aspects of maths: Prodigy: BBC Bitesize Maths Maths Frame For parents: Maths At Home The School Run Multiplication tables: TT Rockstars Top Marks Problem solving & Reasoning: NRICH Games: Cool Maths Games Maths Playground</p>	<p><u>Writing</u></p> <p>This half term, our English lessons will focus on the novel ‘Wolf Brother by Michelle Paver. It is an exciting adventure set 6,000 years ago during the time of the hunter gatherers story is told from both human and animal perspectives. Strong themes in this story, including bravery, loyalty and a deep respect for the forest and its inhabitants</p> <p>Children will:</p> <ul style="list-style-type: none">Plan their writing by: noting and developing initial ideas, drawing on reading and research where necessaryUse a wide range of devices to build cohesionEnsure correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and writing and choosing the appropriate registerUse commas to clarify meaning or avoid ambiguityUse colons to introduce a list or an explanationUse semicolons, colons or dashes to mark boundaries between independent clausesUse the progressive and perfect formsWriting legibly, fluently and with increasing speed <p>SMSC Links: understanding and appreciation of the wide range of cultural influences that have shaped their own heritage and that of others.</p> <p>Some helpful websites: Every School BBC Bitesize Super Sentence Stacking Pobble365</p> <p>Spelling: Spelling Frame Sir Linkalot Oxford Owl</p>	<p><u>Reading</u></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">Retrieve and recordExplainInferPredictEvaluateSummariseAuthorial choice <p>Here are some suggested websites with free access to quality fiction and non-fiction texts that can be read and heard:</p> <p>Authorfy David Walliams’ Elevensies Oxford Owl</p> <p>Comprehension: Read Theory BBC Bitesize</p>	<p><u>Design Technology</u></p> <p>Linking with our Science topic, children will be creating their own Mars Rovers.</p> <p>They will understand and use mechanical systems in their products (for example: gears, pulleys, levers and linkages).</p> <p>https://spaceplace.nasa.gov/mars-rovers/en/</p>
<p><u>Computing:</u></p> <p>This half term, children will be coding their own Maths quizzes using Scratch. They will learn how to use conditional selection, which includes if ... else statements. They will plan, debug, execute and evaluate their programs.</p> <p><u>Art</u></p> <p>This half term, children will be learning about sculpture. They will study the artist Henri Rousseau, learning about his life and exploring his work. They will create their own clay tiles which will be decorated in the style of Rousseau.</p>	<p><u>Religious Education</u></p> <p>This half term, children will learn about Sikhism. They will learn about how the final five human Sikh Gurus shaped Sikhism. We will explore the Khanda and its meaning, we will look at the origins of the Sikh Diwali celebration, we will learn about Sikh funerals, and we will lean about the Sikh Khalsa.</p> <p>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.</p> <p>Useful website: BBC Bitesize</p>	<p><u>Science</u></p> <p>This half term, children will continue learning about Earth and Space. Children will:</p> <ul style="list-style-type: none">carry out an investigation to understand why the Earth experiences day and nightcreate sundialscreate websites about the solar system <p>Throughout the year, children have been developing their ‘Working Scientifically’ skills, including data recording, analysing, planning, measuring and making predictions.</p> <p>SMSC Links: enjoyment and fascination in learning about themselves, others and the world around them</p> <p>Some helpful websites: BBC Bitesize The School Run Crickweb Woodlands</p>	
<p><u>French</u></p> <p>This half term, we will continue learning about the planets. We will learn new vocabulary and practise writing more complex sentences in French.</p>	<p><u>Music</u></p> <p>We have Music lessons every Wednesday morning. Please ensure children have their flutes in school on this day. Children should practice playing the flute at home, twice weekly.</p>	<p><u>PSHE</u></p> <p>This half term, our theme is: Relationships. We will be learning how to develop positive self-esteem. We will also look at how to stay safe in an online community, including online gaming.</p>	<p><u>Physical Education (MONDAYS and WEDNESDAYS)</u></p> <p>Our physical curriculum will focus on teamwork, combining controlled movements, developing our accuracy and developing tactical awareness. Children will be learning how to play Badminton with Mrs Slack and Tennis with Sarah.</p> <p>Some suggested websites to help you keep fit: Joe Wicks’ Daily PE lesson Cosmic Kids Yoga</p>