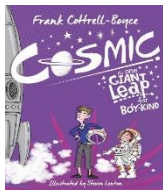



ST John's Highbury Vale Curriculum Newsletter

Year 5 Spring Term (2) 2022

<p>Mathematics (Spring Term)</p> <p>Calculating: Multiplication and division Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3). Solve problems involving multiplication and division using knowledge of factors and multiples, squares and cubes.</p> <p>Measures: Convert between different units of metric measure (for example , km and m; cm and m; g and kg, l and ml) Fractions: Recognise the per cent symbol and understand that % relates to ‘number of parts per hundred’. Write percentages as a fraction with a denominator of 100 and as a decimal fraction. Solve problems which require knowing percentage and decimal equivalents of ½ ¼ 1/5 2/5 4/5 and those fractions with a denominator of 10 or 25 Calculating: Addition and subtraction- review Autumn term. Geometry: Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.</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>SMSC: problem solving developing perseverance</p>	<p>Writing (Spring Term)</p> <p>This half term, our English lessons will be focused on ‘Cosmic’ Frank by Frank Cottrell-Boyce. A humorous adventure is seen through the eyes of a child. Action packed adventure exploring the ups and downs of being a parent and the consequences of a ‘little white lie’. Our poetry focus of this half term is ‘Tyger Tyger by William Blake.</p> <div></div> <ul style="list-style-type: none">Draft and write by organising paragraphs around a theme: in narratives, creating settings, letters, play script and newspaper writing.Proof-read for spelling and punctuation errorsChoose nouns or pronouns appropriately for clarity and cohesion and to avoid repetitionUse brackets, dashes and parenthesisUse and punctuating direct speechUse relative clausesUse expanded noun phrasesUse standard English forms for verb Inflections instead of local spoken formsDraft and write by organising paragraphs around a theme: in narratives, creating settings, characters and plotProof-read for spelling and punctuation errorsChoose nouns or pronouns appropriately for clarity and cohesion and to avoid repetitionUse fronted adverbials with commasIndicate possession by using the possessive apostrophe with plural nounsUse and punctuating direct speechUse pre-fixes and suffixesUse bullet pointsUse standard English forms for verb Inflections instead of local spoken forms <p>Children will:</p> <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>Reading</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">continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooksreading books that are structured in different ways and reading for a range of purposesincreasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditionsrecommending books that they have read to their peers, giving reasons for their choicesidentifying and discussing themes and conventions in and across a wide range of writingmaking comparisons within and across bookslearning a wider range of poetry by heartpreparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience ☑ understand what they read by:checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context asking questions to improve their understandingdrawing inferences such as inferring characters’ feelings, thoughts and motives from their actions, and justifying inferences with evidencepredicting what might happen from details stated and impliedsummarising the main ideas drawn from more than 1 paragraph, identifying key details that support the main ideas identifying how language, structure and presentation contribute to meaningdiscuss and evaluate how authors use language, including figurative language, considering the impact on the reader distinguish between statements of fact and opinionretrieve, record and present information from non-fictionparticipate in discussions about books that are read to them and those they can read for themselves, building on their own and others’ ideas and challenging views courteouslyexplain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessaryprovide reasoned justifications for their views <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>SMSC Links: explore and engage with the feelings and values found in a wide range of genre.</p>		
<p>DT</p> <p>The children will have a French cooking lesson with written recipes and spoken instructions in French.</p> <p>The children will also explore ‘Mechaniacal systems’ through pulley and gears.</p> <p>Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. - Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams and prototypes. - Select from tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] accurately. - Investigate and analyse a range of existing products. - Evaluate their ideas and products against their own design criteria. - Understand and use mechanical systems in their products [for example gears, pulleys, cam, levers and linkages] SMSC Links: Engagement in and developing an appreciation for artistic opportunities</p>	<p>Religious Education</p> <p>Our topic this term will ‘The Contemporary Anglican Church’ and ‘What happens in church during Holy Week, Easter and Lent?’. Children will explore beliefs, rituals and make comparisons about the Anglican Church worldwide.</p> <p>The value of this half term is ‘Forgiveness’. We will discuss what this value means in detail during our collective worship sessions. Children will explore how they can apply and seek wisdom in their daily lives.</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>Geography</p> <p>Children will continue to learn about ‘Brilliant Britain’ in their Geography lessons across both Spring terms. Children will learn to: Place Knowledge - understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom (London and Surrey).</p> <p>Human and Physical Geography - Know about economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water</p> <p>Children will:</p> <ul style="list-style-type: none">understand what a region isidentify and name the 12 regions of the UKeight compass points to describe the location of the countries and cities of the UK.identify human and physical characteristics of each regionuse a map or atlas to locate areas of high ground in the UK.compare London to Hindhead- Surreydescribe and understand how the UK has changed over time <p>SMSC Links: think about and spend time reflecting on the amazing wonders, which occur in our natural world.</p>	<p>Science</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 ‘Earth and Space’. Children will:</p> <ul style="list-style-type: none">Explain day and night via the Earth’s rotation and the apparent movement of the sun across the sky Sun is a star and is the centre of the solar system and has 8 planetsKnow the movement of the Earth and other planets relative to the SunKnow the movement of the Moon relative to the EarthExplain that the Sun, Earth and Moon are approximately spherical bodies <p>SMSC Links: enjoyment and fascination in learning about themselves, others and the world around them. Some helpful websites: BBC Bitesize The School Run Crickweb Woodlands</p>	<p>PSHE</p> <p>Children will be exploring ‘Healthy Me’ this half term. They will learn about making informed choices and decisions about the following:</p> <ul style="list-style-type: none">SmokingAlcoholEmergency AidBody imageRelationships with food <p>SMSC Links: understanding of the consequences of their behaviour and actions.</p>
<p>French</p> <p>Children will continue to have French lessons with Judy on Wednesday afternoons. The focus will be: Making Compound Sentences Preparing a Presentation Months and Seasons Weather and Seasons Joining a Poem 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>Music</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. Please ensure children have their flute every Wednesday. Children should practice playing the flue at home, twice weekly.</p> <p>SMSC Links: support spiritual development by encouraging through the experience and emoton of responding to performing, listening and composing music.</p>	<p>Art</p> <p>Children will explore the work of Jean-Michel Basquiat a New York artist of Haitian and Puerto-Rican descent. The children will explore mono-printing and the use of effective colour. SMSC Links: Engagement in and developing an appreciation for artistic opportunities.</p> <div></div>	<p>Computing:</p> <p>This term children will explore collecting data. Children will learn to understand the importance of using researching and collecting data.</p> <ul style="list-style-type: none">Children will explore. IT- DataData and InformationJ2E <p>SMSC Links: use of imagination and creativity in their learning. https://www.bbc.co.uk/bitesize/subjects/zvnrq6f Safety Net Kids Safer Internet</p>	<p>Physical Education (MONDAY and FRIDAYS)</p> <p>Our physical curriculum will focus on teamwork, combining controlled movements, developing our accuracy and developing tactical awareness. Our main focus will be on Basketball and Badminton. P.E will take place on Monday and Friday.</p> <p>Some suggested websites to help you keep fit: Joe Wicks’ Daily PE lesson Cosmic Kids Yoga</p> <p>SMSC Links: willingness to participate in and respond positively to sporting opportunities.</p>