



ST John's Highbury Vale Curriculum Newsletter

Year 6

Autumn Term 1 2020

<p>Mathematics We will be recapping and consolidating key objectives. Place value *Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit *Count forwards and backwards with positive and negative whole numbers, including through zero.</p> <p>Addition and subtraction *Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) *Add and subtract numbers mentally with increasingly large numbers</p> <p>Multiplication and division *Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers *Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes *Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates</p> <p>Fractions *Compare and order fractions whose denominators are all multiples of the same number *Read and write decimal numbers as fractions [for example, 0.71 = seventy-one hundredths] *Read, write, order and compare numbers with up to three decimal places *Solve problems which require knowing percentage and decimal equivalents of a half, one quarter, one fifth, two fifths, four fifths and those fractions with a denominator of a multiple of 10 or 25</p> <p>Measurement *Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) *Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres *Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²)</p> <p>Geometry *Draw given angles, and measure them in degrees (o) *Distinguish between regular and irregular polygons based on reasoning about equal sides and angles</p> <p>Statistics *Complete, read and interpret information in tables, including timetables</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 The children will be learning to write across a range of different styles.</p> <p>*Identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own *Using a wide range of devices to build cohesion within and across paragraphs e.g. then, after that, this, firstly *Using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining] *Ensuring the consistent and correct use of tense throughout a piece of writing *Proof-read for spelling and punctuation errors</p> <p>Grammar and Punctuation will be learnt as part of the genre development work and some of the following aspects will be covered:</p> <p>Vocabulary, punctuation and Grammar *Converting nouns or adjectives into verbs using suffixes e.g. -ate, -ise, -fy *Using the perfect form of verbs to mark relationships of time and cause *Using modal verbs or adverbs to indicate degrees of possibility *Using devices to build cohesion, including adverbials of time, place and number *Using commas to clarify meaning or avoid ambiguity in writing *Using brackets, dashes or commas to indicate parenthesis</p> <p>Some helpful websites: Every School BBC Bitesize Super Sentence Stacking Pobble365</p> <p>Spelling: Sir Linkalot Oxford Owl</p> <p>SMSC: use of imagination and creativity</p>	<p>Reading 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"> • Clarifying • Deducing • Inferring • Predicting • Evaluating • Summarising <p>*Continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks *Identifying and discussing themes and conventions in and across a wide range of writing *Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence *Predicting what might happen from details stated and implied *Summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas *Retrieve, record and present information from non-fiction</p> <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: use of imagination and creativity develop empathy and sympathy</p>	
<p>Computing: In ICT we will begin the term by refreshing what we have learnt about online safety. Later in the term, we will be developing our coding skills using a program called 2Code.</p> <p>Safety Net Kids Safer Internet SMSC: explore interest and foster curiosity</p>	<p>French French will be taught by Judy. Our topics this half term will be 'Time' and 'School'. Useful website: Language Nut</p> <p>SMSC: sense of enjoyment and fascination</p>	<p>Religious Education Our first unit this term is 'The Journey of Life and Death'. This unit involves pupils in investigating beliefs about life and life after death and encouraging them to reflect on and express their hopes for the future.</p> <p>Useful website: BBC Bitesize SMSC: develop empathy</p> <p>Art Our art and DT will be linked to our topic and Science. We look forward to using the fantastic facilities in Maberley hall for lots of creative activities and cooking.</p> <p>Exploring and Evaluating a range of artists and styles. SMSC Links: Engagement in and developing an appreciation for artistic opportunities.</p>	<p>Science Our Science topic for the first half term is Evolution and Inheritance. We will be investigating how the Earth and living things have changed over time; how fossils can be used to find out about the past and how animals and plants are adapted to suit their environments.</p> <p>Some helpful websites: BBC Bitesize The School Run Crickweb Woodlands</p> <p>SMSC: develop a sense of awe and wonder develop enjoyment and fascination for leaning</p>
		<p>History: During the first half of the term discover WW2 We will be looking at why Britain went to war, why children were evacuated, what Britain was like during WW2 and propaganda. Suggested websites: BBC Bitesize The School Run https://www.keystagehistory.co.uk/primary-ww2/ https://www.teachingideas.co.uk/subjects/world-war-2</p> <p>SMSC: Understand how taste and choice change through culture and age</p>	<p>Physical Education Elm Sports will here to take PE lessons. Wherever possible, these lessons will take place outside. Please ensure that your child has his/her full PE kit in school on PE days. This should include a jumper (not their school jumper). School PE kits should also include trainers; the children need proper trainers for PE (not flat-soled converse-style trainers) and these must be different to their ordinary school shoes Some suggested websites to help you keep fit: Cosmic Kids Yoga SMSC: building resilience and perseverance</p>