

Year 5 curriculum information – spring term 2 2021

English	Maths	Science	Other curriculum areas
<p>Reading: We will be developing reading fluency and expression, comprehension, inference and deduction skills and backing up opinions with evidence from a variety of high-quality text styles. Much of our learning will be based around the following texts: Hidden Figures (non-fiction persuasive writing) and poetry from the Railway Carriage</p> <p>Children are expected to access Bug Club via J2e on a regular basis and parents are also encouraged to hear their children read daily and discuss what has been read. Through the above, we aim to develop each child's love of reading, whilst exposing them to a range of reading genres.</p>	<p>Key maths concepts, arithmetic and reasoning skills are developed throughout all maths lessons. White Rose resources are used to support progression.</p> <p>Children are also expected to develop their recall and application of number bonds and times tables (up to x12) by the end of year 4. Half-termly maths challenges and regular times table practice using Times Tables Rock Stars are used to reinforce maths fluency.</p> <p>This half term, in year 5, children will cover:</p>	<p>Scientific skills and concepts are embedded and developed in all science lessons and through a range of enquiry types.</p> <p>Children will also explore the following:</p>	<p>Computing:</p> <ul style="list-style-type: none"> Staying safe online Google Earth - looking at the way the programme works and what we can find out from it
<p>Writing: Our writing curriculum will focus on:</p> <ul style="list-style-type: none"> Engaging with a wide range of high-quality texts to support and develop writing across a variety of genres Planning, drafting, writing, evaluating and editing Writing legibly, fluently, with increasing speed <p>Main writing outcomes include:</p> <ul style="list-style-type: none"> Non-fiction: Researching and writing a biography of a significant individual Poetry: Writing a poem, following structure of "From a Railway Carriage" 	<p>Fractions:</p> <ul style="list-style-type: none"> Adding and Subtracting fractions and mixed numbers Multiplying fractions and mixed numbers by integers Finding fractions of amounts Solving problems with fractions. 	<p>Living things and their habitats – Life cycles (biology):</p> <ul style="list-style-type: none"> Describe the differences in the life cycles of a mammal*, an amphibian, an insect and a bird Describe the life process of reproduction in some plants Describe the life process of reproduction in some animals (not humans) <p>*Not humans - human life cycles covered in school in the summer term</p>	<p>Art and design:</p> <ul style="list-style-type: none"> Exploring sculpture and 3-D art through professional artist's work, including shadow art, rainbow art the use of negative and positive space.
<p>Grammar and punctuation: Spelling Shed's SPAG scheme is used to support learning in school and at home, with specific focus for the year on the following:</p> <p>Sentence structure:</p> <ul style="list-style-type: none"> Modal verb Clauses and phrases <p>Text structure:</p> <ul style="list-style-type: none"> Devices to build cohesion within a paragraph Linking ideas across paragraphs using adverbials of time, place and tense choice <p>Punctuation:</p> <ul style="list-style-type: none"> Brackets, dashes Use of commas to clarify meaning or avoid ambiguity 	<p>Decimals and Percentages:</p> <ul style="list-style-type: none"> Decimals up to 3 decimal places Fractions as decimals Rounding decimals Ordering and comparing decimals Understanding percentages Percentages as fractions and decimals Fractions, decimals and percentages equivalence 		<p>History – Our local area:</p> <ul style="list-style-type: none"> Thinking about sources of evidence for helping us find out about the history of our local area Compare school life 100 years ago with school life today Going on a walk around the local area to see what we can find out about life in the past Researching a building with historical significance
<p>Spelling: Children are taught spelling through the Spelling Shed scheme, with on-line home learning tasks being given weekly.</p>			<p>Music:</p> <ul style="list-style-type: none"> Five Notes that will change your life Are you sitting comfortably? Give 'em the ol' Razzle Dazzle
<p>What parents can do at home to help:</p> <ul style="list-style-type: none"> Check your child completes the weekly Home Learning tasks set by the class teacher. Listen to your child read daily and update their Reading Record. Remind your child to learn and practise their spellings regularly and to use Spelling Shed's on-line games to help practise tricky words too. Look out for the half-termly maths challenges and practise those skills regularly too. Help develop your child's fluency in their times tables up to 12x and associated division facts). Use Times Tables Rock Stars regularly for support. 	<p>Links to support learning and wellbeing: Please ensure your child accesses all their school on-line learning accounts from home regularly. Any technical issues, please contact ICT@trafalgarfederation.org.uk and for curriculum issues, contact your child's class teacher directly, using their specific class name, to classname@trafalgarfederation.org.uk.</p> <ul style="list-style-type: none"> E-school: J2e Maths: Mathletics, Abacus, Times Tables Rock Stars English: Spelling Shed, Bug Club General: BBC Bitesize Wellbeing: Access the Wellbeing tile through E-school for various resources 		<p>Trips, visits and dates for your diary:</p> <ul style="list-style-type: none"> Spring term: Tuesday, 5th January – Wednesday 31st March 2021 World Book Day: Thursday, 4th March, 2021 Worlds Maths Day: Friday, 12th March, 2021 Red Nose Day: Friday 19th March, 2021