

Year 5 curriculum information – spring term 1 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: <i>The Firebird</i> (fiction-fairy-tale) and <i>Six Ways to Look at the Moon</i> by Pie Corbett.</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 times table challenges are used to reinforce maths fluency.</p> <p>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"> Developing E-safety with Safer Internet Day on 9th Feb. The theme is: An internet we trust - exploring reliability in the online world. Create an app within LGfL based on topic work using iPads Use Google Earth, Digimaps and other online mapping resources to support research around the residential Swanage trip.
<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"> Fiction: Writing their own narrative based on a fairy-tale Poetry: using figurative language to write own poems. 	<p>Multiplication and division:</p> <ul style="list-style-type: none"> Using mental multiplication and division strategies Multiplying a 4-digit number by a 1-digit and 2-digit number using short and long multiplication, respectively Dividing a 4-digit number by a 1-digit number using short division Mentally calculating the doubles of all numbers to 100 Multiplication and division as inverse Solving problems related to the above, choosing an appropriate method <p>Fractions:</p> <ul style="list-style-type: none"> Identifying equivalent fractions Identifying and writing fractions greater than 1 Converting mixed numbers to improper fractions and vice versa Comparing and ordering fractions including improper fractions and mixed numbers Adding fractions and mixed numbers 	<p>Earth and space (physics):</p> <ul style="list-style-type: none"> Describe the movement of the Earth, and other planets, relative to the Sun in the solar system Describe the movement of the Moon relative to the Earth Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky 	<p>Art:</p> <ul style="list-style-type: none"> Explore drawing techniques Create art inspired by a range of artists <p>Geography – Exploring Europe:</p> <ul style="list-style-type: none"> Locate Europe on a world map and identify some of its physical and human features Find out about the capital cities of different European countries Compare life in Athens with life in Twickenham Research some of the national dishes of different countries and to have a go at creating one if possible <p>Music:</p> <ul style="list-style-type: none"> Focus on world music/eras: The Planets <p>Physical Education (PE):</p> <ul style="list-style-type: none"> Access the PE tile through E-school for various resources <p>PSHE:</p> <ul style="list-style-type: none"> Living in the wider world: belonging, media and digital literacy, money and work <p>Spanish:</p> <ul style="list-style-type: none"> Sports, applying phonics knowledge, using a dictionary
<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 verbs 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>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"> Term: Tuesday, 5th January – Wednesday 31st March 2021 Half term: Monday, 15th February 2021 	
<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. 			