

Year 5 Curriculum Information – Summer Term 1 2024

English	Maths	Science	Other curriculum areas
<p>Reading: Reading is taught through daily reading opportunities: reading within English and other subject lessons; story-time and whole class reading lessons. These follow a regular sequence using the same passage of text over a week, enabling regular opportunities to hear, echo and practise fluent reading. Focus areas include decoding, prosody (reading with expression) and comprehension.</p> <p>Children will read an exciting range of fiction, non-fiction and poetry this term, including Robot Girl by Malorie Blackman (narrative writing - science-fiction)</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. Key instant recall facts (KIRFS) and times table challenges 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"> Continue to develop spreadsheet knowledge using Excel Introduce and use formula within spreadsheets
<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 outcome:</p> <ul style="list-style-type: none"> Fiction: Writing a sci-fi narrative based on <i>Robot Girl</i> 	<p>Geometry: Properties of shape:</p> <ul style="list-style-type: none"> Classify angles Estimate and measure angles Draw angles and lines accurately Calculate angles around a point and a straight line Regular and irregular Polygons 3D shapes <p>Position and Direction:</p> <ul style="list-style-type: none"> Draw and describe position Translation Lines of Symmetry Reflection <p>Decimals:</p> <ul style="list-style-type: none"> Complements to 1 Use known facts to add decimals within 1. Adding and Subtracting decimals 	<p>Forces – Forces in action (physics):</p> <ul style="list-style-type: none"> Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect 	<p>Art and Design: Installation art:</p> <ul style="list-style-type: none"> Research and apply understanding of various art mediums to produce art for specific spaces Key Artists: Andy Goldsworthy, Anish Kapoor <p>Geography: Sustainability, Energy and Food</p> <ul style="list-style-type: none"> Explore what sustainability means and why it is important Think about our energy needs and find out how and where energy is produced in the UK Investigate where our food comes from and how we can produce food more sustainably. <p>Music: Whacky Music & Musical effects:</p> <ul style="list-style-type: none"> Focus:: Pitch. Creating music and understanding notation Focus: creating musical sound effects. Listening, responding, creating and playing. Using storyboards, silent movie soundtracks. <p>Physical Education (PE):</p> <ul style="list-style-type: none"> Athletics, OAA Strike and field: rounders & cricket <p>PSHE: Relationships: Self-esteem, safer online communities, rights and responsibilities online, reducing screen time</p> <p>Religion and Worldviews: Islam:</p> <ul style="list-style-type: none"> What does it mean to be a Muslim? <p>Spanish:</p> <ul style="list-style-type: none"> The house: to name different rooms and relate it to the family (done in Spring)
<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"> Use of tenses <p>Text structure:</p> <ul style="list-style-type: none"> Devices to build cohesion within a paragraph Standard and non-standard English <p>Punctuation:</p> <ul style="list-style-type: none"> Use of commas to clarify meaning or avoid ambiguity Speech marks 			
<p>Spelling: Children are taught spelling through the Spelling Shed scheme, with on-line home learning tasks being given weekly.</p>			
<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 online games to help recap tricky words too. Look out for the half-termly maths key instant recall facts (KIRFS) and practise regularly. Help develop your child's fluency in their times tables up to x12 (and associated division facts). Use Times Tables Rock Stars to practise little and often. 	<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: Times Tables Rock Stars, www.amathsdictionaryforkids.com/ English: Spelling Shed General: BBC Bitesize Wellbeing: Access the Wellbeing tile through E-school for various resources 		