

Year 4 curriculum information – autumn 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: – The Miraculous Journey of Edward Tulane by Kate di Camillo and ‘The Lost Happy Endings’ by Carol Ann Duffy.</p> <p>These skills are developed further by weekly guided reading sessions, where children are supported in smaller groups with their teacher. Children are expected to read at home daily and parents are encouraged to hear their children and discuss what has been read, signing their child’s reading records. 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>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>Art and design: Formal elements of art: Painting portraits</p> <ul style="list-style-type: none"> • Explore accurate drawings of faces • Use colours to express mood • Develop use of shade, tone and tint • Develop different pastel techniques • Artists: main focus, Paula Rego
<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 • Using the diagonal and horizontal strokes needed to join letters • Increasing legibility, consistency and quality of handwriting <p>Main writing outcomes include:</p> <ul style="list-style-type: none"> • Fiction: Features of story writing, looking at adventure narrative and creating different settings by using descriptive vocabulary • Non-fiction: Letters and recount, instructions and non-chronological reports • Poetry: Read and write different styles of nonsense poems 	<p>In year 4, children will cover:</p> <p>Place value:</p> <ul style="list-style-type: none"> • Count in multiples of 6, 7, 9, 25, 1000 • Find 1000 > or < than a given number • Count backwards through zero to include negative numbers • Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) • Order/compare numbers beyond 1000 • Identify, represent, estimate numbers • Round any number to the nearest 10, 100 or 1000 • Solve number problems with increasingly large positive numbers • Read Roman numerals to 100 (I to C) <p>Addition and subtraction:</p> <ul style="list-style-type: none"> • Written methods of calculation - add and subtract numbers up to 4 digits • Estimate and use inverse operations to check answers to a calculation • Solve addition and subtraction two-step problems in contexts 	<p>Electricity (physics): Conductors and Circuits</p> <ul style="list-style-type: none"> • Identify common appliances that run on electricity • Construct an electrical circuit, identifying and naming its parts, including cells, wires, bulbs, switches and buzzers • Identify whether or not a lamp will light in a simple series circuit; recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit • Recognise some common conductors and insulators 	<p>Computing:</p> <ul style="list-style-type: none"> • Recap and embed school online safety procedures. Including safe searching. • Develop presentation skills through PowerPoint • Create a presentation to share information on the Romans. • Explore adding ‘Actions’ within a PowerPoint • Explore how search engines work. <p>History: Roman Empire</p> <ul style="list-style-type: none"> • Learn about Emperor Claudius conquering Britain • Boudicca’s revolt, the Roman army and Roman towns • The influence of the Romans on our lifestyles today • The mysterious end to the Roman Empire <p>Music: Party like a Roman:</p> <ul style="list-style-type: none"> • Focus: singing and playing <p>Physical education:</p> <ul style="list-style-type: none"> • Focus: invasion games - hockey, handball • Swimming • Gym <p>PSHE: Relationships:</p> <ul style="list-style-type: none"> • Families and friendships • Safe relationships • Respecting ourselves and others <p>Spanish:</p> <ul style="list-style-type: none"> • Access Duolingo and BBC Bitesize to keep up fluency with Spanish
<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"> • Expressing time, place and cause using conjunctions, adverbs or prepositions <p>Text structure:</p> <ul style="list-style-type: none"> • Introduction to paragraphs as a way to group related material. • Headings and sub-headings to aid presentations • Use of the present perform form of verbs instead of the simple past <p>Punctuation:</p> <ul style="list-style-type: none"> • Introduction to inverted commas to punctuate direct speech 			
<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 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 x12 (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: Athletics, 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"> • Autumn term: Monday 6th September – Friday 17th December 2021 • Half term: Monday 25th October – Friday 25th October 2021 	