

Year 4 Curriculum Information – Autumn Term 2 2022

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 Lost Happy Endings</i> (fairy tale picture book) and <i>Cloud Busting</i> (story told through poetry).</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 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>This half term, children will cover:</p> <p>Area:</p> <ul style="list-style-type: none"> • What is area? • Counting squares to find area • Making shapes • Comparing areas <p>Multiplication and division:</p> <ul style="list-style-type: none"> • Multiply by 1 and 0 • Divide by 1 and itself • Multiply by 3, 6, 7 and 9 • Divide by 3, 6, 7 and 9 • Times tables and division facts for the 3-, 6-, 7- and 9-times tables 	<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>States of Matter:</p> <ul style="list-style-type: none"> • Compare and group materials together, according to whether they are solids, liquids or gases. • Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C). • Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. 	<p>Computing: Computer programming</p> <ul style="list-style-type: none"> • Using Beard Man to develop understanding of Computer Programming • Developing understanding of concepts such as loops, conditionals and variables and how to use them to create an effective computer program <p>Design and technology:</p> <ul style="list-style-type: none"> • Planning, designing, making and evaluating a wire loop game using knowledge of electrical circuits <p>Geography - Settlements and land use</p> <ul style="list-style-type: none"> • Understand the needs of early settlers • Identify different types of settlements • Use a range of OS mapping symbols and the 4-figure grid system to identify features on a map <p>Music: Let your colours burst!</p> <ul style="list-style-type: none"> • Focus: singing and playing <p>Physical education (PE):</p> <ul style="list-style-type: none"> • Focus: football • Indoor PE: basketball • Swimming (4BR) <p>PSHE: Relationships:</p> <ul style="list-style-type: none"> • Families and friendships; Safe relationships; Respecting ourselves and others <p>Religion and Worldviews (RW):</p> <ul style="list-style-type: none"> • What is Paganism? • Pagan festivals of summer solstice, Beltane and Yule • Anglo-Saxon beliefs <p>Spanish:</p> <ul style="list-style-type: none"> • Learn numbers 1-31 • Phrases associated with birthdays and Christmas • Classroom instructions • Months of the year, days of the week, seasons
<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: Fairy-tale narrative linked to <i>The Lost Happy Endings</i> • Non-fiction: Information Text – Pagan beliefs and celebrations • Poetry: Read and perform different styles of poetry 			
<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: Times Tables Rock Stars • English: Spelling Shed • 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"> • INSET day: Monday 31st October 2022 • N.B. School starts back after half term on Tuesday 1st November 2022 • End of autumn term: Friday 16th December 2022 • Start of spring term: Wednesday 4th January 2023