

Curriculum Overview for Year 4

<p>English – selected Roald Dahl texts</p> <p>Reading</p> <ul style="list-style-type: none"> secure decoding of unfamiliar words read for a range of purposes retell some stories orally discuss words and phrases that capture imagination identify theme & conventions retrieve & record information make inferences & justify predictions recognise a variety of forms of poetry identify & summarise ideas 	<p>Horrible Histories</p> <p>Writing</p> <ul style="list-style-type: none"> correctly spell common homophones increase regularity of handwriting plan writing based on familiar forms use paragraphs use simple organisational devices proof read documents evaluate own & others' writing read own writing aloud 	<p>Wind in The Willows</p> <p>Grammar</p> <ul style="list-style-type: none"> use wide range of conjunctions use perfect tense select pronouns and nouns use & punctuate speech use commas after fronted adverbials <p>Speaking & Listening</p> <ul style="list-style-type: none"> articulate and justify opinions speak audibly in standard English <p>gain, maintain & monitor interest of listeners</p>	<p>Art & Design</p> <ul style="list-style-type: none"> Use sketchbooks to collect, record and evaluate ideas Improve mastery of techniques such as drawing, painting and sculpture with varied materials Learn about great artists, architects & designers 	<p>Computing</p> <ul style="list-style-type: none"> Design and create their own multimedia presentation showing awareness of audience. Investigate physical data through sensing data. Use an on screen turtle to explore and understand the impact of changing variables. Following straightforward lines of enquiry. In order to answer a question children collect, organise classify and interpret data and develop a simple database.
<p>Mathematics</p> <p>Number/Calculation</p> <ul style="list-style-type: none"> Know tables to 12x12 Secure place value to 1000 Use negative whole numbers Rounder numbers to 10, 100 or 1000 Use roman numerals to 100 (C) Column addition & subtraction up to 4 digits Multiply & divide mentally Use standard short multiplication <p>Geometry & Measures</p> <p>Compare 2D shapes, including quadrilaterals & triangles</p> <ul style="list-style-type: none"> Find area by counting squares Calculate rectangle perimeters Estimate & calculate measures Identify acute, obtuse & right angles Identify symmetry Use first quadrant coordinates Introduce simple translations <p>Data</p> <ul style="list-style-type: none"> Use bar charts, pictograms & line graphs <p>Fractions & decimals</p> <ul style="list-style-type: none"> Recognise tenths & hundredths identify equivalent fractions add & subtract fractions with common denominators recognise common equivalents round decimals to whole numbers solve money problems 			<p>Design & Technology</p> <ul style="list-style-type: none"> Use research & criteria to develop products which are fit for purpose Use annotated sketches and prototypes to explain ideas Evaluate existing products and improve own work Use mechanical systems in own work <p>Understand seasonality; prepare & cook mainly savoury dishes</p>	<p>Geography</p> <ul style="list-style-type: none"> Understand the key aspects of rivers, mountains, volcanoes, earthquakes and the water cycle. Use fieldwork skills including identifying and drawing the key lines and features of a view in the field and annotating their sketch with explanatory labels. Name and locate the key topographical features (including hills, mountains, coasts and rivers) of the counties and cities of the UK and understand how some of these aspects have changed over time.
<p>Science</p> <p>Biology</p> <ul style="list-style-type: none"> Plants, including parts, lifecycle and requirements for life Classify living things Food chains Life cycles of plants and animals (inc mammal, insect, bird, amphibian) <p>Chemistry</p> <ul style="list-style-type: none"> Classification of rock types Simple understanding of fossilisation <p>Physics</p> <ul style="list-style-type: none"> Introduce gravity, resistance and mechanical forces Forces including gravity and magnetism Simple forces, including magnetism 	<p>History</p> <p>British History (taught chronologically)</p> <p><u>The Tudors</u></p> <ul style="list-style-type: none"> An extended period study, e.g. <ul style="list-style-type: none"> The changing power of monarchs Significant turning points in British history <ul style="list-style-type: none"> Crime & punishment Leisure <p>Broader History Study</p> <ul style="list-style-type: none"> Non-European society, i.e. <ul style="list-style-type: none"> Islamic civilization, including Baghdad Mayan civilization Benin (West Africa) 		<p>Modern Languages</p> <ul style="list-style-type: none"> Listen & engage Ask & answer questions Speak in sentences using familiar vocab Develop appropriate pronunciation Show understanding of words & phrases Appreciate songs, stories, poems & rhymes Broaden vocab 	<p>Music</p> <ul style="list-style-type: none"> Use voice & instruments with increasing accuracy, control and expression Improvise & compose music Listen with attention to detail Appreciate wide range of live & recorded music Begin to develop understanding of history
<p>Physical Education</p> <ul style="list-style-type: none"> Continue to apply and develop a <u>broader range</u> of skills such as running, jumping, throwing and catching, in isolation and in combination. Develop flexibility, strength, technique, control and balance e.g. through athletics and gymnastics; range and sequences of movements. Play competitive team games, modified where appropriate Apply basic principles for attacking and defending. <p>Develop physical confidence, which supports a healthy, active life, evaluating</p>			<p>Religious Education</p> <p>We will develop religious and moral vocabulary to describe key features and know beliefs, ideas and teachings for some religions.</p> <p>Focus on Christian and Judaism celebrations</p>	