

CURRICULUM OVERVIEW YEAR 4

<p>Reading</p> <ul style="list-style-type: none"> Decode unfamiliar words Read for a range of purposes Retell stories orally Explore meaning of language Identify themes & conventions Retrieve & record information Infer and predict Recognise forms of poetry Summarise ideas 	<p>English Writing</p> <ul style="list-style-type: none"> Use of paragraphs to organise ideas around a theme ensuring cohesion Use of speech marks to punctuate direct speech Fronted adverbials Expanding sentences using adverbs and prepositions 	<p>Grammar & Punctuation</p> <ul style="list-style-type: none"> Plural and possessive s Use of commas after fronted adverbials Appropriate choice of noun or pronoun Understand and use apostrophes accurately Use of present perfect tense <p>Speaking & Listening</p> <ul style="list-style-type: none"> Articulate & justify opinions Speak audibly in Standard English Gain, maintain & monitor interest of listeners 	<p>Art & Design</p> <ul style="list-style-type: none"> Collect, record and evaluate ideas Improve mastery of techniques in drawing, painting (watercolour tashing) and sculpture with varied materials Learn about great artists (Monet, Hokusai, Turner), architects & designers (Brunel) 	<p>Physical Education</p> <ul style="list-style-type: none"> Use running, jumping, catching and throwing in isolation and in combination Play competitive games, modified as appropriate Develop flexibility & control in gym, dance & athletics Develop use of counter balance and counter tension Compare performances to achieve personal bests Swimming proficiency at 25m (KS1 or KS2) 	<p>History</p> <ul style="list-style-type: none"> Develop understanding of the Roman Empire & impact and legacy on Britain then and nows Develop knowledge of the Roman Invasion and British Resistance Learn about the Impact of Railways on Victorian Swindon Research and evaluate a range of artefacts Develop understanding of chronology
<p>Number & Calculations</p> <ul style="list-style-type: none"> Know tables to 12 x 12 Place value to 1000 Use negative whole numbers Round numbers to nearest 10, 100 or 1000 Use Roman numerals to 100 (C) Column +/- up to 4 digits x/÷ mentally Use standard short multiplication 	<p>Mathematics Geometry & Measure</p> <ul style="list-style-type: none"> Compare 2D shapes, Find area by counting Calculate rectangle perimeters Estimate & calculate measures Identify acute, obtuse & right angles Identify symmetry Use first quadrant coordinates Introduce simple translations Use bar charts, pictograms & line graphs 	<p>Fractions</p> <ul style="list-style-type: none"> Recognise tenths & hundredths equivalent fractions +/- fractions with common denominators Recognise common equivalents Round decimals to whole numbers <p>Statistics</p> <ul style="list-style-type: none"> Solve problems using data and money Interpret and present a range of data using appropriate graphs 	<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 Use techniques which require more accuracy to cut, join and finish work 	<p>Computing</p> <ul style="list-style-type: none"> Design & write programs to achieve specific goals, including solving problems Use logical reasoning Understand computer networks Use internet safely and appropriately Collect and present data appropriately 	<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 of music
<p>Biology</p> <ul style="list-style-type: none"> Digestive system Teeth Food chains Sound - How sounds are made and travel, pitch, variation, echolocation <p>Scientific Enquiry</p> <ul style="list-style-type: none"> Set up simple enquiries, comparisons and fair tests Take accurate measurements using standard units and a range of equipment Gather, record, classify and present data in a variety of ways Record findings using simple, scientific language, drawings, labelled diagrams Report on findings from enquiries using oral and written explanations, displays or presentation of results 	<p>Science Chemistry</p> <ul style="list-style-type: none"> States of matter Observing changes due to heating and cooling Evaporation, condensation and the water cycle 	<p>Physics</p> <ul style="list-style-type: none"> Electricity Making simple circuits with and without switches, bulbs, buzzers and motors Recognise common conductors and insulators 	<p>Modern Languages</p> <ul style="list-style-type: none"> Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes Broaden vocabulary 	<p>Geography</p> <ul style="list-style-type: none"> Locate world's countries, focussing on Europe & Americas focus on key physical & human features Study a region of the UK Use 8 points of compass, symbols & keys Describe & understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc. Use fieldwork to observe, measure & record 	<p>RE</p> <ul style="list-style-type: none"> What can we learn from religions about deciding what is right and wrong? Why is Jesus inspiring to some people? What does it mean to be a Hindu in Britain today? Why are festivals important to religious communities? Easter focus Why do some people think that life is like a journey and what significant experiences mark this?