

CURRICULUM OVERVIEW YEAR 5

<p>Reading</p> <ul style="list-style-type: none"> Apply knowledge of morphology and etymology when reading new words Read/discuss and broad range of genres and texts Identify/discuss themes Make recommendations to others Learn poetry by heart Draw inference and make predictions Discuss authors' use of language Retrieve/present information from non-fiction texts 	<p>English Writing</p> <ul style="list-style-type: none"> Secure spelling including homophones, prefixes, silent letters etc. Use a thesaurus Legible, fluent handwriting Plan writing to suit audience and purpose Develop character, setting and atmosphere in narrative Use organisational and presentational features Use consistent appropriate tense Proof reading Perform own compositions 	<p>Grammar & Punctuation</p> <ul style="list-style-type: none"> Use expanded noun phrases Use modal and passive verbs Use relative clauses Use commas for clauses Use brackets, dashes, and commas for parenthesis <p>Speaking & Listening</p> <ul style="list-style-type: none"> Give well-instructed explanations Command of standard English Consider and evaluate different view points Use appropriate register 	<p>Art & Design</p> <ul style="list-style-type: none"> Develop independence in the use of sketch books Explore properties of the visual elements – line, tone, pattern, texture, colour and shape Learn about great artists – Paul Klee, Andy Warhol and Edward Hopper Mastery of techniques in 3D sculpture, sketching, collage and watercolours 	<p>Physical Education</p> <ul style="list-style-type: none"> Netball – use running, jumping, throwing and catching; play competitive games; attack and defend Gym – develop flexibility, strength, technique, control and balance; perform in pairs a sequence of balances on large apparatus Dance linked to history Rounders – working as a team Residential activities 	<p>History</p> <ul style="list-style-type: none"> Ancient Greece – democracy, impact on modern society, art and architecture, myths, analysing sources of information Vikings – cause and effect, invasions, impact on England of different cultures, religious impacts, longboats, homes and buildings, sagas
<p>Number & Calculations</p> <ul style="list-style-type: none"> Secure place value to 1,000,000 Use negative and whole numbers in context Use roman numerals to 1000 (M) Use standard written methods for the 4 operations Confidently +/- mentally Use vocabulary of prime, factor and multiple \times/\div by powers of 10 Use square and cube numbers 	<p>Geometry and Measure</p> <ul style="list-style-type: none"> Convert between different units Calculate perimeters of composite shapes and area of rectangles Estimate volume and capacity Identify 3D shapes Measure and identify angles Understand regular polygons Reflect and translate shapes 	<p>Fractions and decimals</p> <ul style="list-style-type: none"> Compare and order fractions \pm fractions with common denominators and mixed numbers \times fractions by units Write down decimals as fractions Order and round decimal numbers Link percentages to fractions and decimals <p>Statistics</p> <ul style="list-style-type: none"> Interpret tables and line graphs and Solve problems using data 	<p>Design & Technology</p> <ul style="list-style-type: none"> Use research to develop products which are fit for purpose and aimed at specific groups. Use annotated sketches, diagrams and computer-aided design Analyse and evaluate existing products to improve own work Cook savoury dishes for a healthy and varied diet (linked to history) 	<p>Computing</p> <ul style="list-style-type: none"> Create own website Be discerning in evaluating digital content Use Google Sketch Up to design a building (linked to history) Design and write programmes to solve problems 	<p>Music</p> <ul style="list-style-type: none"> Compose complex rhythms (drumming linked to geography) Use formal notation including staff, crotchet, minim, quaver, semibreve and dotted crotchet Develop keyboard skills Study the romantic period including composers – Chopin and Tchaikovsky Sing as part of an ensemble and perform to an audience
<p>Biology</p> <ul style="list-style-type: none"> Life cycle of plants and animals including mammals, insects, birds and amphibians Describe changes as humans develop and mature <p>Scientific Enquiry</p> <ul style="list-style-type: none"> Plan different types of scientific enquiries to answer questions, including recognising and controlling variable where necessary Take measurements using a range of scientific equipment with increasing accuracy and precision taking repeat reading where necessary Record data and results of increasing complexity using scientific diagrams, labels, classification keys, tables and bar/line graphs Use test results to make predictions, report and present findings and identify scientific evidence used. 	<p>Science Chemistry</p> <ul style="list-style-type: none"> Classify materials according to a variety of properties Understand mixtures and solutions Know about reversible change; identify irreversible changes Conductors and insulators 	<p>Physics</p> <ul style="list-style-type: none"> Understand location and interaction of Sun, Earth and Moon Understand forces – gravity, resistance and mechanical forces 	<p>Modern Languages</p> <ul style="list-style-type: none"> Study French At the beach – description The way to school – directions Numbers, colours, parts of body – basic conversation The planets - position The four seasons – weather Food – likes and dislikes 	<p>Geography</p> <ul style="list-style-type: none"> Map of Europe, especially Greece and Scandinavia Compare countries – UK and North America (Florida) Locate/name countries, cities, regions/features of North America Understand latitude, longitude, equator and time zones 	<p>RE</p> <p>Key questions:</p> <ul style="list-style-type: none"> What does it mean if God is holy and loving? Was Jesus the Messiah? What does it mean to be a Muslim in Britain today? What did Jesus do to save human beings?

