

Year 5 Curriculum Overview

English		Art and Design	Computing
<p>Reading</p> <ul style="list-style-type: none"> • Use knowledge of morphology & etymology when reading new words • Reading & discuss a broad range of genres & texts • Identifying & discussing themes • Make recommendations to others • Learn poetry by heart • Draw inferences and make predictions • Discuss authors' use of language • Retrieve & present information from non-fiction texts • Formal presentations & debates 	<p>Writing</p> <ul style="list-style-type: none"> • Secure spelling, inc. homophones, prefixes, silent letters etc. • Use a thesaurus • Legible, fluent handwriting • Plan writing to suit audience & purpose • Develop character, setting and atmosphere in narrative • Use organisational & presentational features • Use consistent appropriate tense • Proof-reading • Perform own compositions 	<p>Grammar</p> <ul style="list-style-type: none"> • Use expanded noun phrases • Use modal & passive verbs • Use relative clauses • Use commas for clauses • Use brackets, dashes & commas for parenthesis <p>Speaking and Listening</p> <ul style="list-style-type: none"> • Give well-structured explanations • Command of Standard English • Consider and evaluate different viewpoints • Use appropriate register 	<ul style="list-style-type: none"> • Use sketchbooks to collect, record, review, revisit and evaluate ideas • Improve mastery of techniques such as drawing, painting, and sculpture with varied materials • Learn about great artists (Picasso), architects and designers (Greece)
Maths		Design Technology	Geography
<p>Number/Calculation</p> <ul style="list-style-type: none"> • Secure place value to 1,000,000 • Use negative whole numbers in context • Use Roman numerals to 1000 (M) • Use standard written methods for all four operations • Confidently add & subtract mentally • Multiply & divide by powers of ten • Use square & cube numbers <p>Times Tables</p> <ul style="list-style-type: none"> • Consolidation and application of all times tables and their division facts (up to and including 12 x 12) to larger numbers and decimals 	<p>Geometry and Measures</p> <ul style="list-style-type: none"> • Convert between different units • Calculate perimeter of composite shapes & area of rectangles • Estimate volume & capacity • Identify 3-d shapes • Measure & identify angles • Understand regular polygons • Reflect & translate shapes <p>Data</p> <ul style="list-style-type: none"> • Interpret tables & line graphs • Solve questions about line graphs 	<p>Fractions</p> <ul style="list-style-type: none"> • Compare & order fractions • Add & subtract fractions with common denominators, with mixed numbers • Multiply fractions by units • Write decimals as fractions • Order & round decimal numbers • Link percentages to fractions & decimals 	<ul style="list-style-type: none"> • Use research & criteria to develop products which are fit for purpose and aimed at specific groups • Shelters - linked to Brazil topic • Use annotated sketches, cross-section diagrams & computer-aided design • Analyse & evaluate existing products and improve own work • Use mechanical & electrical systems in own products, including programming
Science		Modern Languages	Music
<p>Biology</p> <ul style="list-style-type: none"> • Life cycles of plants & animals (inc. mammal, insect, bird, amphibian) • Describe changes as humans develop & mature <p>Chemistry</p> <ul style="list-style-type: none"> • Classify materials according to a variety of properties • Understand mixtures & solutions • Know about reversible changes; identify irreversible changes <p>Physics</p> <ul style="list-style-type: none"> • Understand location and interaction of Sun, Earth & Moon • Introduce gravity, resistance & mechanical forces, including gravity 		<ul style="list-style-type: none"> • Listen and engage • Engage in conversations, expressing opinions • Speak in simple language & be understood • Develop appropriate pronunciation • Present ideas & information orally • Show understanding in simple reading • Adapt known language to create new ideas • Describe people, places & things • Understand basic grammar, e.g. gender 	<ul style="list-style-type: none"> • Perform with control & expression, solo and in ensembles • Improvise and compose using dimensions of music • Listen to detail and recall aurally • Use & understand basics of staff notation • Develop an understanding of the history of music, including great musicians & composers (Holst)
History		Physical Education	Religious Education
<p>British History (taught chronologically)</p> <ul style="list-style-type: none"> • Anglo-Saxons - invasions, settlements & kingdoms <p>Broader History Study</p> <ul style="list-style-type: none"> • Ancient Greece, i.e. A study of Greek life and achievements and their influence of the western world 		<ul style="list-style-type: none"> • Use running, jumping, catching and throwing in isolation and in combination • Play competitive games applying basic principles • Develop flexibility and control in gym, dance and athletics • Take part in Outdoor & Adventurous activities • Compare performances to achieve personal bests • Swimming proficiency at 25m 	<ul style="list-style-type: none"> • Islam • Advent • Sacred Texts • Easter • Journeys & pilgrimage • Prayer & worship