## Curriculum Overview for Year 5

## **English** Art & Design (UKS2) Computing (UKS2) Reading Writing Grammar Apply knowledge of morphology & Secure spelling, inc. homophones, Use expanded noun phrases Use sketchbooks to collect, record, review, revisit Design & write programs to solve problems. etymology when reading new prefixes, silent letters, etc. & evaluate ideas Use modal & passive verbs Use sequences, repetition, inputs, words Use a thesaurus Use relative clauses Improve mastery of techniques such as drawing. variables and outputs in programs Reading & discuss a broad range of Legible, fluent handwriting Use commas for clause painting and sculpture with varied materials Detect & correct errors in programs genres & texts Plan writing to suit audience & Use brackets, dashes Learn about great artists, architects & designers Identifying & discussing themes & commas for parenthesis purpose Understand uses of networks for collaboration Speaking & Listening & communication Learn poetry by heart atmosphere in narrative Give well-structured explanations Be discerning in evaluating digital content Draw inference & make predictions •Use organisational & presentational •Command of Standard English Discuss authors' use of language features Consider & evaluate Design & Technology (UKS2) Geography (UKS2) •Retrieve & present information Use consistent appropriate tense different viewpoints from non-fiction texts. Proof-reading Use appropriate Use research& criteria to develop products which Formal presentations & debates Perform own compositions Name & locate register are fit for purpose and aimed at specific groups counties, cities, regions & features of UK Use annotated sketches, cross-section Understand latitude, longitude, Equator, diagrams & computer-aided design Mathematics hemispheres, tropics, polar circles & time zones Analyse & evaluate existing Number/Calculation Geometry & Measures Fractions Study a region of Europe, and of the Americas products and improve own work Secure place value to Convert between different units Compare & order fractions Understand biomes, vegetation belts, land use, Use mechanical & electrical systems in economic activity, distribution of resources, etc. 1.000.000 Calculate perimeter of composite . Add & subtract fractions with own products, including programming Use negative whole numbers in shapes & area of rectangles common denominators, with Use 4- and 6-figure grid references on OS maps Use fieldwork to record & explain areas context Estimate volume & capacity mixed numbers . Cook savoury dishes for a healthy & varied diet •Use Roman numerals to 1000 (M) Identify 3-d shapes Multiply fractions by units Modern Languages (UKS2) Music (UKS2) Use standard written methods for Measure & identify angles ·Write decimals as fractions all four operations Understand regular polygons Order & round decimal numbers Confidently add & subtract Reflect & translate shapes Link percentages to Listen & engage · Perform with mentally Data fractions & decimals control & expression solo & in ensembles · Engage in conversations, expressing opinions Use vocabulary of prime, factor & Interpret tables & line graphs Speak in simple language & be understood Improvise & compose using Solve questions about line graphs Develop appropriate pronunciation dimensions of music Multiply & divide by powers of ten · Present ideas & information orally Use square and cube numbers Listen to detail and recall aurally Show understanding in simple reading History Science Adapt known language to create new ideas Use & understand basics of staff notation Describe people, places & things Biology British History (taught chronologically) · Develop an understanding of the history of Understand basic grammar, e.g. gender Life cycles of plants Anglo-Saxons & Vikings, including: music, including great musicians & composers & animals (inc. mammal, insect, bird, amphibian) - Roman withdrawal from Britain; Scots invasion Education (UKS2) Education Physical Religious Invasions, settlements & kinadoms Describe changes as humans develop & mature · Viking invasions; Danegald Use running, Chemistry Edward the Confessor jumping, catching and throwing in isolation and in combination Classify materials according to a variety of properties Continue to follow locally-Play competitive games, applying basic principles Understand mixtures & solutions **Broader History Study** agreed syllabus for RE Know about reversible changes; identify irreversible Develop flexibility & control in gym, dance & · Ancient Greece, i.e. athletics A study of Greek life and achievements and Take part in Outdoor & Adventurous activities their influence on the western world Understand location and interaction of Sun, Earth & · Compare performances to achieve personal

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Swimming proficiency at 25m (KS1 or KS2)

Introduce gravity, resistance & mechanical forces