## 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. •Use modal & passive verbs & evaluate ideas 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 purpose & commas for parenthesis · Understand uses of networks for collaboration Speaking & Listening & communication · Give well-structured explanations Learn poetry by heart atmosphere in narrative · 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 · Name & locate Formal presentations & debates Perform own compositions 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 Compare & order fractions · Understand biomes, vegetation belts, land use, Convert between different units 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) Multiply fractions by units Identify 3-d shapes 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 fractions & decimals control & expression solo & in ensembles Data 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 Science History Adapt known language to create new ideas · Use & understand basics of staff notation Describe people, places & things **British History (taught chronologically)** Biology · 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 Physical Education (UKS2) Religious Education Describe changes as humans develop & mature - Invasions, settlements & kingdoms - Viking invasions; Danegald · Use running, Edward the Confessor jumping, catching Chemistry Classify materials according to a variety of properties and throwing in isolation and in combination Continue to follow locally- Understand mixtures & solutions Play competitive games, applying basic principles **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 **Physics** · Take part in Outdoor & Adventurous activities their influence on the western world Understand location and interaction of Sun, Earth & Compare performances to achieve personal Introduce gravity, resistance & mechanical forces

Created by Michael Tidd 2013 www.primarycurriculum.me.uk

Swimming proficiency at 25m (KS1 or KS2)