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 Use brackets, dashes Plan writing to suit audience & 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) Retrieve & present information Use consistent appropriate tense different viewpoints Geography (UKS2), 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 Study a region of Europe, and of the Americas Fractions products and improve own work · Understand biomes, vegetation belts, land use, Secure place value to Convert between different units Compare & order fractions Use mechanical & electrical systems in 1,000,000 economic activity, distribution of resources, etc. 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 context Estimate volume & capacity mixed numbers · Cook savoury dishes for a healthy & varied diet Use fieldwork to record & explain areas •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 Order & round decimal numbers Understand regular polygons Confidently add & subtract Reflect & translate shapes Link percentages to · Listen & engage · Perform with mentally fractions & decimals solo & in ensembles Engage in conversations, expressing opinions control & expression 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 · Adapt known language to create new ideas · Use & understand basics of staff notation Science 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 Describe changes as humans develop & mature - Invasions, settlements & kingdoms - Viking invasions; Danegald · Use running, Chemistry Edward the Confessor jumping, catchin 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. 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 Swimming proficiency at 25m (KS1 or KS2)

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