Stafford Leys Curriculum Overview for Year 5 (2020-2021)

English Art & Design Computing Design & write programs to solve problems Use sketchbooks to collect, record and evaluate ideas Reading Writing Grammar • Improve mastery of techniques such as drawing, painting • Use sequences, repetition, inputs, variables and outputs Apply knowledge of morphology & Secure spelling, inc. homophones, Use expanded noun phrases and sculpture with varied materials (Viking masks and in programs etymology when reading new prefixes, silent letters, etc. Use modal & passive verbs Detect & correct errors in programs Use a thesaurus Use relative clauses Learn about great artists, architects & designers Understand uses of networks for Reading & discuss a broad range of Use commas for Legible, fluent handwriting William Morris collaboration & communication genres & texts Plan writing to suit audience & clauses Be discerning in evaluating digital content Identifying & discussing themes purpose Use brackets, Make recommendations to others Develop character, setting and dashes & commas for parenthesis Learn poetry by heart atmosphere in narrative Speaking & Listening Draw inference & make Use organisational & Give well-structured explanations presentational features predictions Command of Standard English Discuss authors' use of language Use consistent appropriate tense Consider & evaluate different Retrieve & present information Proof-reading viewpoints **Design & Technology** Geography from non-fiction texts. Perform own compositions Use appropriate Formal presentations & debates register • Use research and criteria to develop products which are fit Name and locate counties, cities, regions and for purpose and aimed at specific groups. (Celtic features of the UK (Scotland) brooches) • Study a region of Europe (Italy) Use annotated sketches, cross section diagrams and **Mathematics** Use 4 and 6 figure grid references computer aided design. Number/Calculation **Geometry & Measures** Fractions • Use fieldwork to record and explain areas Analyse and evaluate existing products and Secure place value • Convert between different units Compare & order fractions improve own work. to 1,000,000 Calculate perimeter of Add & subtract fractions with Use mechanical and electrical systems Use negative whole numbers in composite shapes & area of common denominators, with n own products incl. programming .(CAMS) context rectangles mixed numbers Cook scones and pasta. Use Roman numerals to 1000 (M) Estimate volume & capacity Multiply fractions by units Use standard written methods for Identify 3-d shapes Write decimals as fractions all four operations Measure & identify angles Order & round decimal numbers Confidently add & subtract Understand regular polygons Modern Languages Music Link percentages to fractions & Reflect & translate shapes decimals rench • Perform with control and expression – solo Use vocabulary of prime, factor & Data and in ensembles - Gos • Interpret tables & line graphs Multiply & divide by powers of ten Improve and compose using dimensions of Solve questions about line Use square and cube numbers music – Hip Hop graphs Listen to detail and recall aurally Use and understand basics of staff notation – Trifling with Rhythm (play Scottish bodhran.) **History** Science Develop an understanding of the history of Biology British History (taught chronologically) music including great musicians and Life cycles of Vikings, including: composers plants & animals (inc. mammal, insect, bird, amphibian) - Roman withdrawal from Britain; Scots invasion Describe changes as humans develop & mature - Invasions, settlements & kingdoms Education Religious **Physical Education** - Viking invasions; Danegald Chemistry - Edward the Confessor • Use running, juniping, catching and throwing in Judaism • Classify materials according to a variety of properties isolation and combination - rugby, netball **Understand mixtures & solutions** • Know about reversible changes; identify irreversible Play competitive games, applying basic principles **Physics** football and hockey Understand location and interaction of Sun, Earth & Broader History Study • Develop flexibility and control in gym, dance Ancient Greece, i.e. (Victorian and Hip Hop) and athletics • Introduce gravity, resistance & mechanical forces - A study of Greek life and achievements and their Take part in Outdoor adventure activities influence on the western world (Survival Day) Victorians – including comparison to present, significant Compare performances to achieve personal best changes and the changing of the Monarchs athletics and cross country