Curriculum Overview for Year 4 - Academic Year 2016-17

English (Y4) **Art & Design (LKS2)** Computing (LKS2) Reading Writing Grammar 2 Secure decoding of unfamiliar words 2 Correctly spell common Use wider range of conjunctions Use sketchbooks to collect, record and evaluate Read for a range of purposes homophones Use perfect tense appropriately Design & write programs to achieve specific goals, Retell some stories orally Select pronouns and Increase regularity of handwriting Improve mastery of techniques such as drawing, including solving problems Discuss words & phrases that 2 Plan writing based on familiar forms nouns for clarity painting and sculpture with varied materials Use logical reasoning Organise writing into paragraphs Use & punctuate direct capture the imagination Learn about great artists, architects & designers Understand computer networks Identify themes & conventions Use simple organisational devices speech Use internet safely and appropriately Retrieve & record information Proof-read for spelling & Use commas after front adverbials Collect and present data appropriately Make inferences & justify punctuation errors ② Evaluate own and others' writing predictions **Speaking & Listening** Articulate & justify opinions Recognise a variety of forms of Read own writing aloud Speak audibly in Standard English **Design & Technology (LKS2)** Geography (Y4) Identify & summarise ideas ② Gain, maintain & monitor interest of listeners Use research& criteria to develop products which Study a region of are fit for purpose the UK (differing aspects of the Midlands) Use annotated sketches and prototypes Study a region of Europe (that covered by the **Mathematics (Y4)** to explain ideas Roman Empire) Number/Calculation **Geometry & Measures Compare** ② Evaluate existing products Understand settlement land use, economic activity, Know all tables to 2-d shapes, including quadrilaterals **Fractions & decimals** and improve own work distribution of resources, etc. 12 x 12 & triangles Recognise tenths & hundredths Use mechanical systems in own work ② Use 4-figure grid references on OS maps Prind area by counting squares 2 Secure place value to 1000 Identify equivalent fractions Understand seasonality; prepare & cook Use 8 points of compass, symbols & keys Y4 Use negative whole numbers ② Calculate rectangle perimeters Add & subtract fractions with mainly savoury dishes Locate world's countries, focussing on Europe and Round numbers to nearest 10, 100 Estimate & calculate measures common denominators America and key physical & human features or 1000 Identify acute, obtuse & right Recognise common equivalents Use Roman numerals to 100 (C) angles Round decimals to whole numbers Music (LKS2) Modern Languages Column addition & subtraction up to I Identify symmetry Solve money problems (LKS2) Use first quadrant coordinates Multiply & divide mentally Introduce simple translations Use voice & instruments with increasing accuracy, Use standard short multiplication 2 Listen & engage Data control and expression Ask & answer questions Use bar charts, pictograms & line Improvise & compose music Speak in sentences using familiar vocabulary graphs 2 Listen with attention to detail Develop appropriate pronunciation ② Appreciate wide range of live & recorded music Show understanding of words & phrases Begin to develop understanding of history Science (Y4) History (Y4) Appreciate stories, songs, poems & rhymes Broaden vocabulary **British History (taught chronologically)** Programme Repair Rep **Biology** - Julius Caesar's attempted invasion Classify living things **Education** Religious **Education** Roman Empire & successful invasion **Physical** Digestive system & teeth British resistance, e.g. Boudicca (LKS2) (LKS2) Pood chains Romanisation of Britain Chemistry Use running, jumping, catching and throwing in Continue to follow Changes of state isolation and in combination locally- agreed syllabus for RE The water cycle Play competitive games, modified as appropriate through the topics **Broader History Study** Develop flexibility & control in gym, dance & Beliefs, Identity and Values, ② A local history study: **Physics** Ways of Life and Expressing Meaning and - Industrial revolution to C20th study of local industry Sound as vibrations

(nuts and bolts) and canal history

Electricity: simple circuits & conductors

Compare performances to achieve personal bests

2 Swimming proficiency at 25m

Religious Beliefs about the World

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