

Curriculum Overview for Year 4

English <p>Reading Secure decoding of unfamiliar words Read for a range of purposes Retell some stories orally Discuss words & phrases that capture the imagination Identify themes & conventions Retrieve & record information Make inferences & justify predictions Recognise a variety of forms of poetry Identify & summarise ideas</p> <p>Writing Correctly spell common homophones Increase regularity of handwriting Plan writing based on familiar forms Organise writing into paragraphs Use simple organisational devices Proof-read for spelling & punctuation errors Evaluate own and others' writing Read own writing aloud</p>		Grammar Use wider range of conjunctions Use perfect tense appropriately Select pronouns and nouns for clarity Use & punctuate direct speech Use commas after front adverbials Speaking & Listening Articulate & justify opinions Speak audibly in Standard English Gain, maintain & monitor interest of listeners	Art & Design Use sketchbooks to collect, record and evaluate ideas Improve mastery of techniques such as drawing, painting and sculpture with varied materials Learn about great artists, architects & designers. Study of Miro (Spanish Artist) Study of Georgia O'Keefe Roman mosaics	Computing Design & write programs to achieve specific goals, including solving problems Use logical reasoning. Understand computer networks. Use internet safely and appropriately. Collect and present data appropriately.
Mathematics <p>Number/Calculation Know all tables to 12 x 12 Secure place value to 1000 Use negative whole numbers Round numbers to nearest 10, 100 or 1000 Use Roman numerals to 100 (C) Column addition & subtraction up to 4 digits Multiply & divide mentally Use standard short multiplication</p>		Fractions & Decimals Recognise tenths & hundredths Identify equivalent fractions Add & subtract fractions with common denominators Recognise common equivalents Round decimals to whole numbers Solve money problems Data Use bar charts, Pictograms & line graphs	Design & Technology Use research & criteria to develop products which are fit for purpose Use annotated sketches and prototypes to explain ideas. Evaluate existing products and improve own work. Use mechanical systems in own work Understand seasonality; prepare & cook mainly savoury dishes. (Spanish food) Geography Know where and how a variety of ingredients are grown.	Geography Are we still a part of Europe? Locate the world's continents and countries Use maps and atlases to focus on Europe Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom (Manchester) and a region in Spain (Barcelona).
Science <p>Biology Life cycles of plants & animals (inc. mammal, insect, bird, amphibian) Describe changes as humans develop & mature</p> <p>Chemistry Classify materials according to a variety of properties Understand mixtures & solutions Know about reversible changes; identify irreversible</p> <p>Physics Understand location and interaction of Sun, Earth & Moon Introduce gravity, resistance & mechanical forces</p>		History <p>The Romans: - Life in Britain before the Romans - The Roman invasion of Britain - Roman entertainment - Roman mosaics - Boudicca's rebellion</p> <p>The Anglo Saxons/Vikings Anglo-Saxons invasions Art and Culture Laws and Justice Viking raids and invasions</p>	Modern Languages <p>Spanish Listen and engage Engage in conversations, expressing opinions Speak in simple language & be understood Develop appropriate pronunciation Present ideas and information orally Show understanding in simple reading Describe people, places & things Understand basic grammar</p>	Music Use voice & instruments with increasing accuracy, control and expression Improvise & compose music Listen with attention to detail Appreciate wide range of live & recorded music
Physical Education		Physical Education Use running, jumping, catching and throwing in isolation and in combination. Play competitive games, modified as appropriate. Develop flexibility & control in gym, dance & athletics Compare performances to achieve personal bests.	Religious Education Family; Ourselves - A awareness of 'Who I am'. Baptism/confirmation; Life Choices – to show care and commitment. Hope; Advent – waiting in joyful hope for Jesus; the promised one. Community; Mission – continuing Jesus' mission Eucharist; Memorial sacrifice – how memories are kept alive. Lent/Easter; Sacrifice – lent is a time for giving Pentecost; Transformation – celebration of the Spirit's power. Reconciliation: Freedom and Responsibility – the commandments Universal Church; Stewardship – Stewardship of Creation.	Education <i>deepening</i>

