

Moon

•Introduce gravity, resistance & mechanical forces

## Yate Academy Woodlands Primary Phase Year 5 Curriculum Overview

## Art & Design (UKS2) English 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, Use relative clauses Use a thesaurus 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 & commas for parenthesis Understand uses of networks for collaboration Speaking & Listening atmosphere in narrative •Give well-structured explanations Learn poetry by heart · Be discerning in evaluating digital content Draw inference & make predictions •Use organisational & presentational •Command of Standard English Discuss authors' use of language 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 Convert between different units .Compare & order fractions Understand biomes, vegetation belts, land use, 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 4- and 6-figure grid references on OS maps Use negative whole numbers in shapes & area of rectangles common denominators, with · Use fieldwork to record & explain areas •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 Write decimals as fractions Measure & identify angles 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 Engage in conversations, expressing opinions control & expression solo & in ensembles •Use vocabulary of prime, factor & •Interpret tables & line graphs Speak in simple language & be understood Improvise & compose using multiple 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 Science Adapt known language to create new ideas Use & understand basics of staff notation British History (taught chronologically) · Describe people, places & things Biology · Develop an understanding of the history of · Understand basic grammar, e.g. gender Stone Age to Iron Age Britain, including: Life cycles of plants music, including great musicians & composers - hunter-gatherers and early farmers & animals (inc. mammal, insect, bird, amphibian) Physical Education (UKS2) Religious Education •Describe changes as humans develop & mature - Bronze age religion, technology & travel - Iron age hill forts · Use running, jumping, catching Classify materials according to a variety of properties and throwing in isolation and in combination Play competitive games, applying basic principles Continue to follow locally- Understand mixtures & solutions **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

bests

Swimming proficiency at 25m (KS1 or KS2)