

·Electricity: investigating circuits

Airmyn Park Primary

New Curriculum Overview for Year 6

English Art & Design (UKS2) Computing (UKS2) Reading Writing Grammar Read a broad range of genres Use knowledge of morphology & Use appropriate register/ style Use sketchbooks to collect, record, review, revisit Design & write programs to solve problems Recommend books to others etymology in spelling Use the passive voice for purpose & evaluate ideas Use sequences, repetition, inputs, Make comparisons within/across Develop legible personal Use commas to clarify Improve mastery of techniques such as drawing, variables and outputs in programs handwriting style meaning painting and sculpture with varied materials Detect & correct errors in programs Support inferences with evidence Plan writing to suit audience & Use semi-colons, color Learn about great artists, architects & designers Summarising key points from texts purpose & dashes Understand uses of networks for collaboration Identify how language, structure, Develop character & setting in Punctuate bullet points Be discerning in evaluating digital content etc. contribute to meaning consistently . Select grammar & vocabulary for Discuss use of language, inc. Use language of subject/object figurative Design & Technology (UKS2) ·Use a wide range of cohesive Geography (UKS2) Discuss & explain reading, providing reasoned justifications devices ·Ensure grammatical consistency for views Select tools suitable for purpose Name & locate counties, cities, regions & features of UK Use a wider range of tools with increasing skill Mathematics Understand latitude, longitude, Equator, Communicate ideas through Number/Calculation **Geometry & Measures** Fractions, decimals & percentages hemispheres, tropics, polar circles & time zones drawing modelling & ICT if Secure place value 8 ·Confidently use a range of . Compare & simplify fractions Study a region of Europe, and of the Americas appropriate rounding to 10,000,000, including Understand biomes, vegetation belts, land use, measures Use equivalents to add fractions negatives Calculate area of triangles / Multiply simple fractions Understand key turning points in economic activity, distribution of resources, etc. All written methods, including long parallelograms Use 4-figure grid references on OS maps Divide fractions by whole design history division Use fieldwork to record & explain areas Use area & volume formulas numbers Use order of operations (not Classify shapes by properties Solve problems using decimals & Modern Languages (UKS2) Music (UKS2) indices) Know and use angle rules percentages Indentify factors, multiples & Translate, using all four Introduce ratio & proportion Listen & engage primes quadrants Perform with · Engage in conversations, expressing opinions control & expression solo & in ensembles Algebra · Speak in simple language & be understood Data Improvise & compose using Introduce simple use of unknowns Use pie charts Develop appropriate pronunciation dimensions of music Calculate mean averages Present ideas & information orally . Listen to detail and recall aurally Show understanding in simple reading. Science History Adapt known language to create new ideas · Use & understand basics of staff notation Biology The Stuart Period Describe people, places & things · Develop an understanding of the history of Understand basic grammar, e.g. gender Classification. Union of the crowns music, including great musicians & composers including micro-organ King vs Parliament Education Physical Education (UKS2) Religious Reproduction & Puberty The Commonwealth Health & Lifestyles Evolution & Adaptation Use running, The Restoration jumping, catching and throwing in isolation and The Great Plague & Fire of Continue to follow locallyin combination Chemistry London agreed syllabus for RE Irreversible changes Play competitive games, applying basic principles Develop flexibility & control in gym, dance & Samuel Pepys Physics athletics The Glorious Revolution Light & Shadows; the eye Take part in Outdoor & Adventurous activities Forces, including gravity Compare performances to achieve personal

bests