

Cheadle Heath Primary School ~ Curriculum Overview for Year 5 2015 - 16

<p>Reading</p> <ul style="list-style-type: none"> Apply knowledge of morphology & etymology when reading new words Reading & discuss a broad range of genres & texts Identifying & discussing themes Make recommendations to others Learn poetry by heart Draw inference & make predictions Discuss authors' use of language Retrieve & present information from non-fiction texts Formal presentations & debates 	<p>English</p> <p>Writing</p> <ul style="list-style-type: none"> Secure spelling, including homophones, prefixes, silent letters, etc. Use a thesaurus Legible, fluent handwriting Plan writing to suit audience & purpose Develop character, setting and atmosphere in narrative Use organisational & presentational features Use consistent appropriate tense Proof reading Perform own compositions <p>Grammar</p> <ul style="list-style-type: none"> Use expanded noun phrases Use modal & passive verbs Use relative clauses Use commas for clauses Use brackets, dashes * commas for parenthesis <p>Speaking & Listening</p> <ul style="list-style-type: none"> Give well-structured explanations Command of Standard English Consider & evaluate different viewpoints Use appropriate register 	<p>Art & Design</p> <ul style="list-style-type: none"> Use sketchbooks to collect, record, review, revisit & evaluate ideas Improve mastery of techniques such as drawings, painting and sculptures with varied materials Learn about great artists, architects & designers 	<p>Computing</p> <ul style="list-style-type: none"> Design & write programs to solve problems Use sequences, repetition, inputs, variables and outputs in programs Detect & correct errors in programs Understand use of network for collaborations & communication Be discerning in evaluating digital content
<p>Mathematics</p> <p>Number/calculation</p> <ul style="list-style-type: none"> Secure place value to 1,000,000 Use negative whole numbers in context Use Roman numerals to 1000 (M) Use standard written methods for all 4 operations Confidently add & subtract mentally Use vocabulary of prime, factor & multiple Multiply & divide by powers of 10 Use square and cube numbers <p>Geometry & Measures</p> <ul style="list-style-type: none"> Convert between different units Calculate perimeter of composite shapes & area of rectangles Estimate volume & capacity Identify 3-d shapes Measure & identify angles Understand regular polygons Reflect & translate shapes <p>Fractions & Decimals</p> <ul style="list-style-type: none"> Compare & order fractions Add & subtract fractions with common denominators, with mixed numbers Multiply fractions by units Write decimals as fractions Order & round decimal numbers Link percentages to fractions & decimals <p>Data</p> <ul style="list-style-type: none"> Interpret table & line graphs Solve questions about line graphs 		<p>Design & Technology</p> <ul style="list-style-type: none"> Use research & criteria to develop products which are fit for purpose and aimed at specific groups Use annotated sketches, cross-section diagrams & computer-aided design Analyse & evaluate existing products and improve own work Use mechanical & electrical systems in own products, including programming 	<p>Geography</p> <ul style="list-style-type: none"> Name & locate countries, cities, regions & features of UK Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones Study a region of Europe, and of the Americas Understand biomes, vegetation belts, land use, economic activity, distribution of resources etc. Use 4 and 6 figure grid reference on OS maps Use fieldwork to record & explain areas
<p>Science</p> <p>Biology</p> <ul style="list-style-type: none"> Life cycles of plants & animals (inc mammal, insect, bird, amphibian) Living things and their habitats Describe changes as humans develop & mature <p>Chemistry</p> <ul style="list-style-type: none"> Classify materials according to a variety of properties Understand mixtures & solutions Know about reversible changes; identify irreversible <p>Physics</p> <ul style="list-style-type: none"> Understand location and interaction of Sun, Earth & Moon Introduce gravity, resistance & mechanical forces 		<p>Modern Languages</p> <ul style="list-style-type: none"> Listen & engage Engage in conversation, expressing opinions Speak in simple language & be understood Develop appropriate pronunciation Present ideas & information orally Show understanding in simple reading Adapt known language to create new ideas Describe people, places & things Understand basic grammar, e.g gender 	<p>Music</p> <ul style="list-style-type: none"> Perform with control & expression solo & in ensembles Improvise & compose using dimensions of music Listen to detail and recall aurally Use & understand basics of staff notation Develop an understanding of the history of music, including great musicians & composers
<p>History</p> <p>British History (taught chronologically)</p> <p>Anglo – Saxons & Vikings including;</p> <ul style="list-style-type: none"> Roman withdrawal from Britain; Scots invasion Invasions, settlements & kingdoms Viking invasions; Danegald Edward the Confessor <p>Broader History Study</p> <p>Ancient Greece, i.e.</p> <ul style="list-style-type: none"> A study of Greek life and achievements and their influence on the western world 		<p>Physical Education</p> <ul style="list-style-type: none"> Gymnastics – holes & barriers/ flight/ Netball or basketball Hockey Dance – unit 1, 4 Football/ tag rugby Cricket Net/ wall games Athletics – elevating 	<p>Religious Education</p> <ul style="list-style-type: none"> The Bible Islam (Holy Books) Key values – Christianity The last week of Jesus' life Christian beliefs Five pillars of Islam Continue to follow locally agreed syllabus for RE
		<p>SEAL</p> <ul style="list-style-type: none"> New Beginnings Getting on and falling out Going for goals Good to be me Relationships Changes 	<p>PHSE</p> <ul style="list-style-type: none"> Feelings, friendships & relationships – responsibility for behaviour / Healthy relationships Healthy lifestyles Legal & illegal substances Anti bullying E –safety Financial capability - Keeping your money safe