

Cheadle Heath Primary School ~ Curriculum Overview for Year 4 2015 / 16

<p><u>Reading</u></p> <ul style="list-style-type: none"> 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 Retrieves & record information Make inferences & justify predictions Recognise a variety of forms of poetry Identify & summarise ideas 	<p style="text-align: center;"><u>English</u></p> <p><u>Writing</u></p> <ul style="list-style-type: none"> Correctly spell common homophones Increase regularity of handwriting Plan writings based on familiar forms Organise writing into paragraphs Proof-read for spelling & punctuation errors Evaluate own and others' writing Read own writing aloud <p><u>Grammar</u></p> <ul style="list-style-type: none"> Use wider range of conjunctions Use perfect tense appropriately Select pronouns and nouns for clarity Use & punctate direct speech Use commas after front adverbials <p><u>Speaking & Listening</u></p> <ul style="list-style-type: none"> Articulate & justify opinions Speak audibly in Standard English Gain, maintain & monitor interest of listeners 	<p style="text-align: center;"><u>Art & Design</u></p> <ul style="list-style-type: none"> Use sketchbooks to collect, record and evaluate ideas Improve mastery of techniques such as drawings, painting and sculptures with varied materials Learn about great artists, architects & designers 	<p style="text-align: center;"><u>Computing</u></p> <ul style="list-style-type: none"> 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
<p style="text-align: center;"><u>Mathematics</u></p> <p><u>Number/calculation</u></p> <ul style="list-style-type: none"> 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><u>Geometry & Measures</u></p> <ul style="list-style-type: none"> Compare 2-d shapes, including quadrilaterals & triangles Find area by counting squares Calculate rectangles perimeters Estimate & calculate measures Identify acute, obtuse & right angles Identify symmetry Use first quadrant coordinates Introduce simple translations <p><u>Data</u></p> <ul style="list-style-type: none"> Use bar charts, pictograms & line graphs <p><u>Fractions & Decimals</u></p> <ul style="list-style-type: none"> Recognise tenths & hundredths Identify equivalent fractions Add & subtract fractions with common denominators Recognise common equivalents Round decimals to whole numbers Solve money problems 		<p style="text-align: center;"><u>Design & Technology</u></p> <ul style="list-style-type: none"> 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 	<p style="text-align: center;"><u>Geography</u></p> <ul style="list-style-type: none"> Locate world's countries, focussing on Europe & Americas focus on key physical & human features Study a region of the UK (not local area) Use 8 points of compass, symbols & keys Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links etc.
<p style="text-align: center;"><u>Science</u></p> <p><u>Biology</u></p> <ul style="list-style-type: none"> Classify living things- animals inc humans Living things & their habitats Digestive system & teeth Food chains Predators & Prey <p><u>Chemistry</u></p> <ul style="list-style-type: none"> Changes of state States of matter – solids, liquids & gases The water cycle Evaporation & condensation <p><u>Physics</u></p> <ul style="list-style-type: none"> Sound as vibrations/pitch Electricity: simple circuits and conductors 		<p style="text-align: center;"><u>Physical Education</u></p> <ul style="list-style-type: none"> Swimming Gymnastics- balance/ rolling/ Dance- unit 2/unit 4 Games- invasion Athletics –elevating 	<p style="text-align: center;"><u>Music</u></p> <ul style="list-style-type: none"> Use voice & instruments with increasing accuracy, control and expression Improvise & compose music Listen with attention to detail Appreciate wide range of live & recorded music Begin to develop understanding of history
<p style="text-align: center;"><u>History</u></p> <p><u>British History (taught chronologically)</u></p> <p>Roman Empire & impact on Britain:</p> <ul style="list-style-type: none"> Julias Caesar's attempted invasion Roman Empire & successful invasion British resistance e.g. Boudicca Romanisation of Britain <p><u>Broader History Study</u></p> <p>Earliest ancient civilisation. I.e.:</p> <ul style="list-style-type: none"> Indus valley Ancient Egypt Shang Dynasty of Ancient china 		<p style="text-align: center;"><u>PHSE</u></p> <p><u>SEAL</u></p> <ul style="list-style-type: none"> New Beginnings Getting on & falling out Going for goals Good to be me Relationships Changes <ul style="list-style-type: none"> Feeling & friendships/ identify & name feelings Harmful aspects of household products & medicines Everyone is special different Feeling good about yourself / self esteem/ body image Growing up & safety Road safety 	<p style="text-align: center;"><u>Religious Education</u></p> <ul style="list-style-type: none"> Islam (Muhammad) Jesus key features of his life Judaism – places of worship Judaism –Pesach Christianity – the church Christianity- worship Continue to follow the locally agreed syllabus for RE