

Curriculum coverage 2019/20

 Redcastle Family School						
Year Group 5	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Main theme /topic	The Victorian Era 20 June 1837 - 22 January 1901		It's all Greek to me 700BC-146BC		Amazing Amazon	
Focus	History/	History/RE	Science/History	Geography/PE	Geog	Science
English key texts 3 to 4 weeks each unit	The Street Child Berlie Doherty The Railway Children Edith Nesbit	Oliver Twist -Charles Dickens Christmas Carol - Charles Dickens	The Orchard Book of Greek Myths – Geraldine Mc Caughrean (Hercules)	Fleeced Julia Wills Beasts of Olympus series – Lucy Coats	Shaman's Apprentice- Lynne Cherry Great Kapok Tree - (Explorer-)	Lynne Cherry Journey to the River Sea -Eva Ibbotson (Jungle Book) Magical Jungle by Johanna Bashford
Poetry 1 to 2 weeks each unit	From a Railway Carriage (Robert Louis Stevenson, 1895-1850) Performance Poetry Focus: Stanza and line Rhythm Rhyme Mood	What is Pink?& In The Bleak Mid Winter, (Christina Rosetti) Performance Poetry IF - Rudyard Kipling Focus; Comparing Poetry, To gain understanding between, literal and	The Iliad & The Odyssey, (Homer) Comparing them to today's poems Focus: To be able to read and understand a challenging text and to be able to extract information from it. To convey mood & feelings by words and phrases chosen. Language	Telling the story of the Greeks through poetry. Narrative Poetry Encourage children use the same vocabulary as Homer to write a descriptive poem or a haiku. Use features of	Rainforest Animals by Paul Hess	Children to explore poetry and produce their own poems.
LITERARY TERMS						

		figurative language.	Metaphors & Similes	poetry known.		
Suggested outcome	Research a particular poet. Personal responses to poetry Recite familiar poems by heart Perform in an assembly.	<i>Read, write and perform free verse</i> Recital – (Over 60s Performance)	Read and Respond	Read, write and perform free verse Perform in an Assembly	Produce a video clip-Link pictures and poems. (IT Link)	Research, Read and create own poem. Outcome – Anthology of poetry written by Year 5/video clips of poems.
Grammar Word Groups	Apostrophe: in contractions, in singular and plural possessive nouns. Choosing nouns or pronouns appropriately for clarity and cohesion and to avoid repetition Speech marks for dialogue/direct speech. Use of inverted commas and other punctuation to indicate direct speech [for example, a comma after the	Relative clauses beginning with who, which, where, when, whose, that, or an omitted relative pronoun. Indicating degrees of Possibility using adverbs or modal verbs. Question, Statement and Commands,	Noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases (e.g. the teacher expanded to: the strict maths teacher with curly hair) Time Connectives Linking ideas across paragraphs using adverbials of time, place and number.	Using the perfect form of verbs to mark relationships of time and cause Using fronted adverbials Using commas after fronted adverbials	Commas to clarify meaning Verb prefixes [for example, dis-, de-, mis-, over-and re- synonyms and antonyms	Imperative Verbs Tenses Using the perfect form of verbs to mark relationships of time and cause Suffixes Converting nouns or adjectives into verbs using suffixes [for example, -ate; -ise; -ify]

	reporting clause; end punctuation within inverted commas: The conductor shouted, "Sit down!"]					
Writing Non-Fiction writing linked to Topic/Hist/Geog/Science Significant Authors	Children could write a: Formal Letter (Train company to Mother about ch courage) Newspaper Report (Hist Link) Explanation Text (Topic Link- Science) Narrative Text (From Film Clip, History Link) Film Narrative	Children could write a: Descriptive setting (of historical London) Alternative ending To Oliver Twist (incorporating a Dilemma) Play script a Victorian scene Non-Chronological report (Science Link) Biography (Poet -Christina Rosetti)	Children could write a: Greek fables, myth and Legends -focusing on characterisation and setting - This could be in the form of a story board - to be shared with children from Key Stage 1 Stories from other cultures Job application (Hist Link, a balloonist)	Children could write a: Suspense and mystery / Adventure narrative Develop skills of building up atmosphere in writing e.g. passages building up tension Diary (Hist Link -Greek child) Explanation Text – (Topic /Science Link) Non-Chronological report (Hist Link)	Children could write a: Persuasion Text Construct an argument to persuade others of a point of view and present the case to the class. Explanation Text Link to the Shaman’s work (Fairtrade Link) Poster Save the Rainforest (Geog link, to the school environment)	Children could write a: Biography Margaret Mee (link Art) Informal Letter- letter home Recount (science Link) Instruction/Recipe (DT Link) How to make a chocolate desert Non-chronological/persuasion: travel brochure for a major city

<p>Maths White Rose</p>	<p>Place Value Numbers to 1000000 Reading and writing numbers and determining the value of each digit (place value). Count forwards and backwards in steps of powers of 10. Comparing numbers. Number patterns. Rounding any number to the nearest 10, 100, 1000, 10000 or 100000. Addition and Subtraction Adding and subtracting whole numbers with more than 4 digits using a formal written method. Add and subtract numbers mentally. Using rounding to check answers. Multiplication and Division Identifying multiples and factors. Identifying prime numbers, prime factors and composite numbers. Recognise and use square and cube numbers and the</p>	<p>Multiplication and Division Multiplying numbers up to 4 digits by a 1 or 2 digit number, using a formal written method. Divide numbers up to 4 digits by a 1 digit number using a formal written method. Multiply and divide by 10, 100 and 1000. Word Problems Solving problems using a variety of learnt mathematical skills. Graphs Solve problems using information presented in line graphs and tables (including timetables). Fractions Compare and order fractions with denominators that are multiples of one another. Identify and find equivalent fractions. Recognise and convert between mixed</p>	<p>Fractions Add and subtract fractions with denominators that are multiples of one another. Multiply proper fractions and mixed numbers by whole numbers. Adding and subtracting fractions. Multiplying fractions. Decimals Read, write and compare decimals with up to three decimal places. Convert between decimals and fractions. Round decimals to the nearest whole number or one decimal place. Percentage Recognise the percentage symbol (%) and recognise percentages as fractions out of 100. Solve problems involving fraction, decimal and percentage equivalents.</p>	<p>Geometry Identify 3D shapes from 2D representations. Know angles are measured in degrees. Estimate and compare acute, obtuse and reflex angles. Draw and measure angles using degrees (°). Identify angles at a point (360°), on a straight line (180°), at a right angle (90°). Use properties of rectangles to deduce related facts and find missing lengths and angles. Distinguish between regular and irregular polygons. Position and Movement Identify, describe and represent the position of a shape following a reflection or translation.</p>	<p>Measurements Convert between different unites of metric measure. Understand and use approximate equivalences to compare metric units and common imperial units. Solve problems involving converting units of time. Use four operations, decimals, etc. to solve measurement problems. Area and Perimeter Measure and calculate the perimeter of composite rectilinear shapes. Calculate and compare the area of rectangles using square centimetres</p>	<p>Volume Estimate volume and capacity. Roman Numerals Reading and writing Roman numerals to 1000 (including years).</p>
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	notation used (x2 or x3).	numbers and improper fractions.			(cm ²) and square metres (m ²). Estimate the area of irregular shapes.	
To assess and inform planning, children take:	Daily: Times table tests and calculation-questions		Weekly: Arithmetic/calculation/Worded Problem Tests			
Science	Properties and changes of matter Changing Matters After reviewing and extending their knowledge of materials from previous years, pupils study dissolving and learn how to recover materials from a solution. They look at other methods of separating mixtures and carry out an investigation on “sewage” to clean it up before discharge into a river. They investigate chemical reactions including burning and use a key and a series of simple tests to identify some mystery powders. They learn about reversible and irreversible changes and they	Earth and Space Earth and Space Pupils study our solar system, learning about the relative movements of the planets and the Moon and relating these to the way we experience the Sun and the Moon on Earth. They carry out some research into planets and investigate the way meteorites have shaped the surface of the Moon.	Forces Forces Pupils learn more about the forces of gravity and friction and investigate the friction of different surfaces. They study air resistance, investigate paper spinners falling, look at floating and sinking and build a self-righting boat. Learning about simple forces includes activities to study pulleys, gears	Living Things Life Cycles Pupils revisit the life cycle of plants, and learn about pollination. They compare the life cycles of birds, mammals, insects and amphibians and learn that insects and amphibians undergo metamorphosis.	Animals including Animals, including Humans Pupils learn about the human life cycle and about the changes of the body during puberty. They learn about the development of a baby during pregnancy and about the birth of a baby. This unit has been written to match lessons in Personal, Social and	

	<p>create a drama about the life of a famous materials scientist.</p> <hr/> <p>Properties of Materials Keeping Cool Brighter Bulbs Disappearing or Dissolving Separating mixtures Irreversible changes</p>	<p>Spherical Bodies The Planets Versus Heliocentric Night and Day Night and Day International Movement of the Moon</p>	<p>and other simple machines and gives pupils the chance to use their knowledge of machines to build a catapult. Identify forces Gravity Air Resistance Water Resistance Friction To explore and design mechanisms</p>	<p>Reproduction of plants life cycles of different mammals. Jane Goodall Metamorphosis Comparing life cycles.</p>	<p>Health Education on puberty and the feelings associated with growing up.</p> <p>Human Timeline Growth of Babies Puberty Changes in old age Gestation period Life expectancy</p>
<p>History</p>	<p>Victorians Children will discover and know when Victorian Britain started. They will research and understand the reign of Queen Victoria. The children will compare Victorian school and home life to their own experiences of school today. They will study the changes in attitudes towards children and childhood over the Victorian period. Link: David Livingstone: Africa's Trailblazer: Christian Heroes: Then & Now Thomas Barnardo -Ragged School William Booth Salvation Army Marie Jones -Bible Christianity Charles Burrell- Steam Engines Duleep Singh -Ancient House Museum and Thetford Library Charles Dickens</p>	<p>Greeks The children will learn about a range of historical figures from Ancient Greece, as well as comparing Ancient and Modern Olympic games. They will look at the lives of the Ancient Greeks and how their civilisation has influenced the modern world. The children will also explore the different battles, particularly the rivalry between the Spartans and the Athenians. Link: Glaisher and Coxwell (Victorian - balloonists)</p>	<p>We will look at the history of South America and more specifically, The Amazon Rainforest to see how it has changed over the years.</p> <p>Charles Darwin (evolution in Year 6)</p>		

Geography Geographical Association	The children will be learning how to use maps to locate 4 and 6 figure grid references on a variety of maps –local and in the wider world. They will locate Key places and countries: Africa, London, Thetford and Norwich. Children will also investigating Longitude and Latitude.		The children will study the land and climate features of Greece. Whilst focusing on tourism, they will investigate the famous historical landmarks and how these have influenced the economy of the country. The children will have an opportunity to develop their map reading skills and find where famous landmarks are located within Greece.		Children will learn about South America – the countries, rivers, mountains and general statistics, (investigating Longitude and Latitude) We will then focus more carefully on the Amazon rainforest, for example the animals and people who live there, (Investigating Climates & Biomes) We will also discover how the rainforest is under threat because of deforestation.	
RE	Understanding Sikhism Sikh Way of Life- Guru Nanak Ji Sikh Beliefs The Golden Temple The five Ks The Guru Granth Sahib Sikh Symbols Features of a Gurudwara		Understanding Islam Islamic rituals of prayer Five Pillars Prayer Mats Muhammad Why Muslims fast.		Understanding Christianity Roman Catholicism in South America Mother Teresa	
IT Rising Stars E-Safety Throughout	Digital Lit/Research/E-Safety (Runs throughout the year)	Multimedia- Creating images/photography /Animation/ video/Audio	Programming	Communication Ppt/ word processing... Data- Rainforest Rainfall compared to Britain	Data- Graphs/databases/spreadsheets	
Children will develop the following key skills across the year: <ul style="list-style-type: none"> ● design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; ● use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs ● understand computer networks including the internet; ● use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital 						

	<p>content</p> <ul style="list-style-type: none"> select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information 					
Art/DT	<p>Q: Is beauty only skin deep? ART- Project Self portrait- Picasso (cc Hist Victorians/ photography) <i>(Painting/printing)</i></p>	<p>DT Xmas Decorations (cc Hist Victorians) <i>(Hinges/sliders/mechanisms)</i>Xmas</p>	<p>Q: Does everything that goes up, have to come down? ART Vincent Van-Gogh The Starry Night (cc Space) (Painting-pastels/drawing) The Parthenon – lines of Buildings</p>	<p>DT/ART Balloons – (cc,Science/travel) <i>(Structures)</i></p>	<p>Q: Why should we worry about the Rainforest? ART Margaret Mee (cc Geog/Science recording plants) ART/DT (Helen Poremba /Katie Scott-(Bk-Botanicum)) – printing Fabric (Sewing!) Natural resources</p>	<p>Food & Design – Sculpture (cc Science/FairTrade)- Gerhard Petzl</p>
Possible Visits and other resources	<p>Great Cressingham School</p> <p>Thetford Steam Engine Museum (Link-Explanation Text)</p>	<p>Gressenhall Workhouse Inc church etc /Library/ Button Island</p> <p>Puppetry- shadow puppets in school</p>	<p>Breckland Observatory Museum of Archaeology and Anthropology Cambridge</p>	<p>Norwich Museum (Thetford Cinema)</p>	<p>Museum of zoology and Sedgewick Museums - Cambridge</p>	<p>Amazona Zoo-Cromer</p>
MFL	<p>Pupils will be taught to:</p> <ul style="list-style-type: none"> ♣ listen attentively to spoken language and show understanding by joining in and responding 					

French	<ul style="list-style-type: none"> ♣ engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help ♣ speak in sentences, using familiar vocabulary, phrases and basic language structures ♣ broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary ♣ describe people, places, things and actions orally* and in writing 					
Suggested Outcome	Display- Victorian train Air Balloons Dress up for a Victorian Day Victorian Photography Display in local Newsagents window	Exhibition and Playscript to perform to parents Recital – Laburnham (Over 60s Performance)	Display – Greek Gods Mythical creatures Space Olympics (Sports –Olympics Day) end of summer	Performance – rest of school/parents/carers.	Display Rainforest Chocolate Photography Exhibition Plants and animals	Maybe an Olympic celebration or carnival. (maybe whole school) Anthology of Year 5 Poems from all year.