



Curriculum Map for Year 5 2016 - 2017

(# denotes “anti-bullying” relevance)

Subject/skills	Autumn Term	Spring Term	Summer Term
<p>English</p> <p>Skills: following direction;</p>	<p>Poetic Style (Benjamin Zephaniah) and Free verse poems-Roger McGough and Michael Rosen</p> <p>Recounts (Cragside visit) Understand structure and purpose of recounts, analyse features and compare with other text-types.</p> <p>Narrative (Literary Heritage): Writing from a character’s viewpoint Story opening and themes. Railway poems- The Night Mail, From a Railway carriage</p> <p>Argument & information text (Non-Fiction): Debate Balanced argument Information texts for own invention</p> <p>Play scripts (Literary Heritage) <i>A Christmas Carol – Charles Dickens</i> Scripted scenes Character descriptions Journalist report</p> <p><u>Grammar & punctuation:</u></p> <ul style="list-style-type: none"> • Commas to indicate parenthesis • Converting nouns or adjectives into verbs using suffixes • Verb prefixes • Devices to build cohesion within a paragraph • Linking ideas across paragraphs using adverbials of time, place and number • Pronouns • Noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases • Determiners <p><u>Spelling</u> Suffixes</p>	<p>Narrative Poetry-The Highwayman Write and edit chronological news reports.</p> <p>Persuasive Writing and speeches (non-fiction) Analyse use of persuasive language and present effective spoken arguments. Explore persuasive language in its different forms and write creative persuasive texts. Persuasive speeches-writing to put or argue a point of view; letters, commentaries, leaflets to persuade, criticise, protest, support, object, complain.</p> <p>Monsters and Myths Greek myths. Characterisation and setting. Structuring a story.</p> <p>Poetry <i>Choral reading</i> <i>Create & perform own rap</i></p> <p><u>Grammar & punctuation:</u></p> <ul style="list-style-type: none"> • Relative clauses • Indicating degrees of possibility using adverbs or modal verbs • Use of commas to clarify meaning or avoid ambiguity • Standard English forms for verb inflections instead of local spoken forms • Fronted adverbials • Use of commas after fronted adverbials Use of inverted commas and other punctuation to indicate direct speech <p><u>Spelling</u> Prefixes Silent letters</p>	<p>Non-chronological report (Non-Fiction) Understand structure and purpose of non-chronological reports, analyse features and compare with other text-types</p> <p>Narrative-Mystery stories Features of short stories Predicting outcomes Writing own short mystery story</p> <p>Narrative -significant authors (Michael Morpurgo) Novel study First person narrative Diary entry Authorial viewpoint and style Instructions</p> <p><u>Grammar & punctuation:</u></p> <ul style="list-style-type: none"> • Brackets, dashes or commas to indicate parenthesis • Apostrophes to mark singular and plural possession <p><u>Spelling</u> Homophones & near-homophones Possessive apostrophe</p>



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<p>Maths</p> <p>Skills: organised, responsible;</p>	<p>Number Order a mixed set of numbers. Add and subtract 2 digit numbers mentally. Multiply and divide integers and decimals by 10, 100 and 1000. Use written methods to add and subtract 3 and 4 digit numbers and solve problems. Know tests of divisibility</p> <p>Reduce a fraction to its simplest form Find fractions of numbers or quantities Find simple percentages Add and subtract decimals Long multiplication and division</p> <p>Shape and measures Convert metric measures including time. Use of a protractor to measure acute and obtuse angles to the nearest degree.</p>	<p>Number and place value (NPV); Decimals, percentages and their equivalence to fractions (DPE)</p> <p>Mental addition and subtraction (MAS); Written addition and subtraction (WAS)</p> <p>Mental multiplication and division (MMD); Number and place value (NPV) Geometry: properties of shapes (GPS); Measurement (MEA); Statistics (STA)</p> <p>Written addition and subtraction (WAS) Written multiplication and division (WMD) Written multiplication and division (WMD); Fractions, ratio and proportion (FRP)</p> <p>Geometry: properties of shapes (GPS); Measurement (MEA)</p> <p>Fractions, ratio and proportion (FRP) Written addition and subtraction (WAS)</p>	<p>Mental addition and subtraction (MAS); Decimals, percentages and their equivalence to fractions (DPE)</p> <p>Fractions, ratio and proportion (FRP); Written multiplication and division (WMD)</p> <p>Decimals, percentages and their equivalence to fractions (DPE); Number and place value (NPV) Geometry: position and direction (GPD); Geometry: properties of shapes (GPS)</p> <p>Written addition and subtraction (WAS) Mental multiplication and division (MMD); Fractions, ratio and proportion (FRP)</p> <p>Written multiplication and division (WMD) Measurement (MEA)</p> <p>Decimals, percentages and their equivalence to fractions (DPE); Number and place-value (NPV) Statistics (STA); Mental multiplication and division (MMD); Written multiplication and division (WMD)</p>
<p>Science</p> <p>evaluate</p> <p>writing conclusions</p>	<p>Baseline Assessments; Speed of cars & scientific skills</p> <p>Human Body</p> <ul style="list-style-type: none"> Major organs & their function. The digestive system. Food and healthy lifestyles. Diet, exercise and drugs. Our senses and taste test. The skeleton: structure and function. Joints. How muscles move bones. Strength of muscles. The circulatory system. Organs and transporting materials. Measuring pulse rate. Human life cycle. <p><i>End of topic test</i></p> <p>Sound</p> <ul style="list-style-type: none"> How sounds are made. Sound and instruments. Amplifying sound. Sounds travelling. Exploring pitch. Loudness and sound proofing. How the ear works. <p><i>End of topic test</i></p>	<p>Forces</p> <p>How forces affect objects</p> <ul style="list-style-type: none"> Measuring force, newtons. Gravity. Air-resistance and Streamlining. Forces in water. Drawing forces. Practical exploration of levers, pulleys and gears. <p><i>End of topic test</i></p> <p>Electricity</p> <p>Electricity</p> <ul style="list-style-type: none"> Safety/ Electricity in our Lives. Simple circuits and symbols. Review conducting & insulating materials. Changing components, specifically changing voltage. Compare factors which affect the brightness of bulbs. Switches and harder circuits. <p><i>End topic test</i></p>	<p>Materials and Their Properties</p> <ul style="list-style-type: none"> Different materials and their properties. Classifying materials. Properties of materials; Absorbency investigation, Thermal Insulator investigation. Conduction of heat. Investigating how heat affects materials, temperature changes. <p><i>End of topic test</i></p> <p>Life & Living Things</p> <ul style="list-style-type: none"> Habitat studies and follow up work. Animal lifecycles.



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<p>MFL</p> <p>transfer learning</p>	<p>French</p> <p><i>Comparing Languages</i> – French, German, Spanish and Italian</p> <p><i>French Fable: Le rat des villes et le rat des champs</i> – reading & listening strategies, phonics, adjectives, opinions, questions, memorisation techniques, Thinking Skills, role play.</p>	<p>Spanish</p> <p><i>Las vacaciones</i></p> <p>Activities based on: <i>QCA Unit 12 ¿Qué tiempo hace?</i> – weather, numbers.</p> <p><i>QCA Unit 21 Crear una cafetería</i> – food & drink</p>	<p>German</p> <p><i>Alles über mich</i></p> <p>Activities based on: <i>QCA Unit 1 Alles über mich</i> – greetings, basic details, classroom objects, numbers.</p> <p><i>QCA Unit 19 Unsere Schule</i> – classroom instructions,, school subjects, giving opinions.</p>
<p>History</p> <p>empathy understanding</p>	<p>The Victorians</p> <p>Who were the Victorians and when did they live? William George Armstrong and Cragside House The Life of Queen Victoria and her family The Great Exhibition of 1851 Inventions of the Victorian Period Victorian Schools Life in the factories and mines The Railways</p>	<p>Ancient Greece</p> <p>A study of Greek life and achievements and their influence on the western world. Who were the Ancient Greeks? Gods and Goddesses Athens and Sparta Ancient Greek education, food and Theatre The Olympic Games Battle of Marathon</p>	<p>History of Ponteland Village Study</p> <p>History and topography of the village. Study of historical development using historical maps.</p> <p>Research on old buildings in Ponteland. Evidence work using 1881 census. Attack of Ponteland Castle in 1388. Visit to the village.</p>
<p>Geography</p> <p>local national international understanding</p>	<p>Our Community</p> <p>Plan of school grounds Land use survey of school campus Every Child Matters – Positive/Environment Aerial photographs of our locality</p> <p>Using Maps Grid references Scale plans Compass directions Scale bars</p>	<p>Brazil</p> <p>Understand geographical similarities and difference through a study of human and physical geography of a region of the United Kingdom and a region within South America.</p> <p>Physical geography including climate, mountains and rivers.</p> <p>Human geography including types of settlement, land use and trade links.</p>	<p>Natural Resources</p> <p>Compare the distribution of natural resources including energy, food, minerals and water of a region of the United Kingdom, a region in a European country, and a region within South America.</p>



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Art creative imaginative	Introduction to Art Studio Discussions about the importance of Art The colour wheel and formal elements Experimentation with colour 2D work developed from observation Composition realised Use of ICT resources Digital camera Assessment Ongoing assessment Outcome of processes and skills Outcome of final composition	Myths and Legends How have stories been portrayed in Art and textiles? Develop a composition based upon a familiar story, myth or legend Produce a piece of individual 3D work which is inspired by textile materials and techniques. Use ICT resources and internet sites	Rousseau paintings Explore master paintings by Rousseau. Be aware of sources for subject matter. Use Modified Contour Drawing skills - drawing from life Understand how the artist creates depth by overlapping images. Design and create an “imaginary” tropical landscape for a tempera painting.
Music creative confidence listening	Composing, performing and analysing rhythm Exploring Rhythm Patterns Rap Keyboard melody Setting poems to music Other Activities A range of Christmas songs and carols	Composing, Performing and Listening Pentatonic melody work Compose a musical Metro journey Indian Music Ragas and Talas Sing a range and variety of songs	Composing, Performing and Listening Work linked to Peter and the Wolf # Young person’s guide to the orchestra Other Activities Percussion Ensemble Guitar Ensemble School Ensemble Choir
Computing Personal Safety IT Literacy	Computing Personal Safety IT Literacy	E SAFETY How to use Social Networks safely. Computer Networks What is a “Network”? How do computers share and connect?	Kodu Computer Coding What is an algorithm Computer Devices Input, output and storage devices.



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<p>Technology</p> <p>dexterity</p> <p>responsibility</p> <p>organisation</p> <p>preparation</p>	<p>Design Technology Pneumatic toy Graphic design and modelling Construction in wood Understanding basic pneumatics</p> <p>Food Studies ‘Tools of the trade’ – safe use of equipment. Focus on safe knife skills – bridge hold and claw grip, knife position and use of chopping board; principles of a healthy and varied diet, the Eatwell Plate, good food choices, allergies and dietary restrictions</p> <p>Week 1: Introduction to the room, making a healthy sandwich from school-provided ingredients. The Eatwell plate. Need to include water in the diet. H/W – Researching citrus fruits: where and how grown, types.</p> <p>Week 2: The orange juice challenge – pupils bring own orange How and where citrus fruits are grown and transported to the shops. Airmiles. Fair Trade.</p> <p>Week 3: Dippy Divers (home-made dip with vegetable sticks) - pupils bring own ingredients. Stress great care with any carrots! Discuss humous/yoghurt – foods from around the world</p> <p>Week 4: Fruity feast – pupils bring own ingredients Focus on design sketch. Stress safe knife skills</p> <p>Week 5: Mini pizza with a smiley face- pupils bring own ingredients – assessment of making skills and paperwork. H/W - Pupils to complete a resource sheet in advance– Shopping list, research 3 foods from around the world.</p>	<p>Textiles Technology</p> <p>Puppets – designing a puppet fit for purpose; use of annotated sketches, paper pattern pieces; cutting; hand sewing</p> <p>Week 1: Planning the anti-bullying story in groups. Designing. Cutting out the puppet front.</p> <p>Week 2: Drawing features onto tracing paper, then copying reverse image onto Heat’n’bond. Ironing onto felt. Cutting out. Ironing onto front of puppet.</p> <p>Week 3: Embellishing with hand stitches and trimmings. Cutting back. Adding features. Embellishing back if time.</p> <p>Week 4: Sewing front and back together. Rehearsing dramas.</p> <p>Week 5: Dramas. Making booklets to record construction of puppets. Evaluation. (Photos and assessment.)</p>	<p>Design Technology Bridge Building – working with varying materials and tools to build structures to hold weight</p> <p>Food studies</p> <p>Focus on seasonality, where and how fruit and vegetables are grown and brought to the market; principles of a healthy and varied diet – benefits of including salad and ‘extra’ ingredients</p> <p>Week 1: Deli Salad</p> <p>Week 2: Deli Wrap</p>



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<p>PSHE/KS2 SEAL</p> <p>empathy understanding consideration kindness</p>	<p>Feelings – All about me# Resolving Conflict # Friendship and Care #</p> <ol style="list-style-type: none"> 1. Bullying 2. Stand up and stand out 3. Won't be made to feel bad 	<p>Keeping Safe #</p> <ol style="list-style-type: none"> 1. Keeping safe in Cyber Space 2. Rules and Road Safety 3. Emergencies 	<p>Rights and Responsibilities</p> <p>Conscience Corridor Animal care Equal opportunities Heroes</p> <p>Values #</p> <p>Selfishness For and Against Golden Rules</p>	<p>Global Issues</p> <ul style="list-style-type: none"> • Poverty • Water <p>Sustainability / Climate and Farming</p>
<p>Religious Education with Spiritual, Moral, Social and Cultural focus</p> <p>compassion</p> <p>transfer skills to/from PSHE</p>	<p>All About Me Making a personal cube/jigsaw puzzle</p> <p>Friendships What makes a good friend? #</p> <p>Feelings Positive and negative feelings # Happiness Poem What makes you angry?</p> <p>Creation Creation in Christianity, Islam, Hinduism and Buddhism Creation and the flood How does Science see Creation protecting the earth?</p>		<p>A Study of Islam</p> <p>The Five Pillars</p> <p>Belief & Behaviour</p> <p>Signs & Symbols</p> <p>Special times — Eid-ul-Fitr</p> <p>Journeys — The Hajj</p> <p>Muhammad</p>	<p>Christian lifestyles</p> <p>Church visits Investigating church buildings Furniture Symbols Worship Interviews with local Christians</p> <p>Old Testament stories Abraham Jacob Joseph</p>
<p>Physical Education</p> <p>team player</p> <p>leadership</p> <p>taking direction</p> <p>confidence</p> <p>taking risks</p> <p>safety</p> <p>skills</p> <p>principles</p>	<p>Base Line Assessment</p> <p>Gymnastics Travel, balance, floor work</p> <p>Minor Games Introduction to ball skills, basic invasion games, games for understanding</p> <p>Health Related Fitness Warm up, cool down, monitoring heart rate Recover</p> <p>Swimming</p> <p>Football Individual skills, small sided games</p> <p>Hockey Individual skills, dribbling, passing, receiving, small conditioned games</p> <p>Hi 5 Netball Rugby; touch, small sided games; introduction to contact #</p>		<p>Gymnastics Travel, balance and use of apparatus</p> <p>Dance Sequencing and making routines</p> <p>Swimming</p> <p>Cross Country Shorter routes, pacing and discipline, why exercise, Health & exercise principles</p> <p>Rugby Individual skills, back play and tag rugby</p> <p>Netball Basic passing and receiving skills, footwork skills High Five Netball</p> <p>Yard Hockey Individual skills, safety and small sided games</p>	<p>Athletics Indoor Athletics Long jump Hurdles 80>800m Ball throw</p> <p>Swimming</p> <p>Cricket Individual skills Kwik Cricket</p> <p>Tennis Individual skills Short tennis Transition tennis</p> <p>Rounders Catching and throwing skills Striking skills</p>