

Class 4 Curriculum Map 2022-23

	Maths	English	Science	History/Geography	Art	D&I	Music	PE	RE	SCARF	Computing	French
Autumn Term	<p>Place Value Roman Numerals Numbers to 1 million (Y5) or 10 million (Y6) Powers of 10 Partitioning Rounding Negative Numbers (Y6)</p> <p>Four Operations Mental Strategies Addition Subtraction Multiplication (inc. long multiplication in Y6) Division (inc. Long division in Y6) Inverse Operations Multi-step problems Missing Numbers Factors & Multiples Squares, Cubes & Primes Multiply and Divide by powers of 10 Order of Operations (Y6)</p> <p>Fractions Unit & non-unit fractions Equivalence Mixed numbers & improper fractions Compare & order fractions Addition & subtraction of fractions Multiply & divide fractions (Y6) Fractions of Amounts (Y6)</p> <p>Converting Units (Y6)</p>	<p>Writing Way Home by Libby Hathorn - Diary - Missing poster</p> <p>Persuasive writing - travel brochure for Greece</p> <p>Poetry by Pie Corbett & Michael Rosen - Writing & Performance</p> <p>War Game by Michael Foreman - Describe setting - Letter from the trenches</p> <p>Information text - what is 'remembrance'? (Fri 11.11.22)</p> <p>Retelling Greek myths and legends – Theseus & the Minotaur, The Cyclops, The Trojan Horse.</p> <p>SPAG Structure & cohesion of sentences and paragraphs</p> <p>Word classes</p> <p>Formality & the passive voice</p> <p>Basic punctuation</p> <p>Reading Year 5 - The London Eye Mystery</p> <p>Year 6 – The Explorer</p> <p>Class Novel Stig of the Dump by Clive King</p>	<p>Materials Dissolve and recover substances</p> <p>Separate mixtures (filtering, sieving and evaporating)</p> <p>Reversible and irreversible changes</p>	<p>History - Ancient Greece A study of ancient Greek life and achievements and their influence on the western world.</p> <p>City states, warfare and seamanship, everyday life, beliefs and mythology</p> <p>Legacy of the Greeks, including education, language, architecture, government and the Olympic games</p>	<p>Self-portraits Developing and assessing pencil drawings</p> <p>Carolee Clark Portraits of animals and pets with a focus on line, colour and pattern.</p> <p>Mythical Beasts Observational studies and drawing from imagination. Drawing of Dragons' Eyes.</p>	<p>Textiles: Stuffed Toys - Design a stuffed toy considering components and shapes - Create templates - Cut and join fabric - Decorate fabric</p> <p>Electrical Systems: Greeting Cards - Circuit construction - Design, create and review card</p>	<p>How Does Music Connect Us With Our Past? - The Sparkle in my Life by Joanna Mangona & Chris Taylor - Glassworks Opening by Philip Glass - Dreaming of Mars by Joanna Mangona & Pete Readman - Macaroni Sundae by Joanna Mangona & Chris Madin - Get on Board by John Chamberlain</p> <p>Classroom Jazz - Improvising Jazz - Three Note Bossa - Five Note Swing</p> <p>Christmas</p>	<p>Swimming Weekly sessions at Kendal to improve swimming strokes and develop personal survival techniques.</p> <p>OAA: Teambuilding Work confidently and effectively as part of a team to solve problems.</p> <p>Invasion Games Using the width of the pitch and overloading a defence when attacking. Condensing space and communicating when defending.</p> <p>Gymnastics Matching, mirroring and contrasting moves.</p>	<p>Harvest - How is food distributed across the world?</p> <p>People of God - How can following Jesus bring freedom and justice?</p> <p>Christian Value: Love</p>	<p>Me & My Relationships - Collaboration challenge - Give and take - Working together - Let's negotiate - Solve the friendship problem - Our emotional needs - Communication</p> <p>Rights & Responsibilities - What's the story? - Fact or opinion? - Two sides to every story - Fakebook friends - What's it worth? - Spending wisely - Lend us a fiver! - Local councils - Happy shoppers</p>	<p>Sharing Information - Connecting computers to form systems - The role of computer systems - How information is transferred over the internet - Working together online</p> <p>The Internet - How to use a search engine - How search engines select results - How search results are ranked - Why is the order of results important?</p>	<p>At School - Subjects - Opinions - Classroom objects - Describe the classroom in French</p> <p>Where I Live - Rooms of a house - Bedroom furniture - Describe a room in French</p>

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Spring Term	<p>Fractions, decimals and percentages Place value within 1 to thousandths Round, order & compare decimals Four operations with decimals Fraction, decimal and percentage equivalence Application of knowledge Fractions and percentages of an amount</p> <p>Perimeter & area (Y5) & volume (Y6) (Y5) Perimeter & area of rectangles & compound shapes (Y6) Area of triangles & parallelograms (Y6) Volume</p> <p>Statistics (Y5) Line graphs Dual bar charts Tables (Y6) Pie charts (Y6) The mean</p> <p>Year 6 only Ratio Using ratio language Scale drawings</p> <p>Algebra Function machines 1&2-step equations Problems with 2 unknowns</p> <p>Year 5 only Multiplication & Division Formal written method of multiplication (4x2 digits) ...and division (inc. remainders)</p>	<p>Writing: The Highwayman by Alfred Noyes - Describe character and atmosphere - Newspaper reports</p> <p>The Popol Vuh: The Mayan Creation Story - Narratives from another culture</p> <p>Just So Stories by Rudyard Kipling - Focus on narrative style</p> <p>The Sea Is A Hungry Dog by James Reeves - Poetry</p> <p>How to Live Forever by Colin Thompson - Discussion</p> <p>Non-fiction – informative writing about animals and balanced arguments on the topic of zoos.</p> <p>SPAG Advanced punctuation, including hyphens, colons and semi-colons. Tense</p> <p>Reading Year 5 - non-fiction reading activities Year 6 - Further work on novels</p> <p>Class Novel Wonder by R.J. Palacio</p>	<p>Evolution and Inheritance Changes in living things over time Variation within species Adaptation to suit environments Theory of evolution</p> <p>Living Things and their Habitats Life-cycles of mammals, amphibians, insects and birds Reproduction in plants and animals Classification of plants and animals</p>	<p>Geography - Urban Environment 3-day residential trip to Edinburgh Comparisons between our own local area and Edinburgh Geographical fieldwork skills: - 8 compass points - Six figure grid references - Mapping skills, different types of map - Field sketches</p> <p>History - The Mayan Civilisation A non-European study that provides contrasts with British history Use of a range of historical sources to learn about the past Make comparisons within & between cultures & civilisations</p>	<p>Monoprinting Exploring this artistic technique inspired by the work of Sandra Pearce</p> <p>Wire & Papier Mache Modelling figures of the human body inspired by the sculptures of Alberto Giacometti</p>	<p>Structures: Bridges - Identify strong and weak shapes - Explore beam, arch and truss bridges - Construct truss bridges - Reinforce structures</p> <p>Digital World: Monitoring Devices - Develop design criteria - Program monitoring software - Identify errors and debug code - Design and construct housing for device - Use physical and virtual modelling tools</p>	<p>How Does Music Teach Us About Our Community? - Introducing chords - Erie Canal by Thomas Allen - Dances in the Canebrakes No. 2 by Florence Price - Heroes by Joanna Mangona and Pete Readman - Star Wars Episode IV: A New Hope by John Williams - Happy to be Me by Joanna Mangona and Pete Readman</p> <p>Classic Rock - Livin' on a Prayer by Bon Jovi - We Will Rock You by Queen - Smoke on the Water by Deep Purple - Rockin' All Over the World by Status Quo - Johnny B. Goode by Chuck Berry - I Saw Her Standing There by The Beatles</p>	<p>Basketball Learn different defensive systems and how to work shooting opportunities as a team.</p> <p>Gymnastics Develop synchronisation and canon.</p> <p>Hockey Refine different dribbling, tackling, shielding, passing and receiving techniques. Deepen understanding of the principles of attack and defence.</p> <p>OOA: Orienteering Using verbal & non-verbal communication and teamwork to solve a variety of team challenges.</p>	<p>Creation and Fall - Creation and science: conflicting or complementary? Lent & Easter Christian Value: Koinonia</p>	<p>Valuing Difference - Qualities of friendship - Kind conversation - OK to be different - We have more in common than not - Happy being me - The land of the red people</p> <p>Being my Best - Getting fit - It all adds up! - Five ways to wellbeing - This will be your life! - Different skills - My school community</p>	<p>Databases and Information - Compare paper and digital databases - Collect, group and sort information - Use computer programs to select and visualise data</p> <p>Video Editing - Explore digital devices which can record video - Capture video using a range of techniques - Improve footage by re-shooting and editing</p> <p>Safer Internet Day</p>	<p>Time - Number revision - Time vocabulary - Asking for and giving the time in digital and analogue formats</p> <p>In Town - Places in town - Directions to places - Prepositions</p>

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Summer Term	<p>All: Shape</p> <p>Position & Direction</p> <p>Year 6 only:</p> <p>SATS revision & consolidation</p> <p>Preparation for KS3</p> <p>Themed projects & problem solving</p> <p>Year 5 Only:</p> <p>Decimals</p> <p>Negative Numbers</p> <p>Converting Units</p> <p>Volume</p>	<p>Writing</p> <p>Trash by Andy Mulligan - Adventure narrative - Book review</p> <p>No One is Too Small to Make a Difference – Greta Thunberg - Persuasive Speeches - Formal letter to persuade</p> <p>Cloud Soup – Kate Wakeling - Performance - Rhythm & rhyme</p> <p>Advertisements - Advertisement for toothpaste</p> <p>Non-chronological report - Human circulatory system</p>	<p>Animals including Humans</p> <p>Changes in humans from birth to old age</p> <p>The circulatory system</p> <p>Impact of diet, drugs and exercise on how bodies function</p> <p>Transportation of nutrients and water</p>	<p>Geography - Climate Change</p> <p>Understand the impact of human activity on our planet</p> <p>Identify how tourism, transport and waste management affect pollution, wildlife and the climate across the globe</p> <p>Use maps, atlases and aerial photos to explore environmental themes</p> <p>Geography - Alps & The Lake District</p> <p>Identify similarities and differences in the physical and human geography between region of the UK and one of Europe</p> <p>Develop use of digital mapping, atlases and photographs</p>	<p>Photography Study of the human figure, including the use of photography as a form of art.</p> <p>Observational Studies Acrylic painting of flowers, inspired by the work of Georgia O'Keefe</p>	<p>Food: What Could be Healthier? - Understand the journey of food from farm to fork - Understand the components of a 'healthy meal' - Read and understand nutritional information - Make healthier adaptations to recipes - Design own packaging for food</p> <p>Mechanical Systems: Pop-up book - Plan and produce structure for a pop-up book - Assemble mechanical components and mechanisms - Use spacers and layers to hide inner workings</p>	<p>Hip Hop - Fresh Prince of Bel Air by Will Smith - Me, Myself and I by De La Soul - Ready or Not by The Fugees - Rapper's Delight by The Sugarhill Gang - U Can't Touch This by MC Hammer - It's Like That by Run DMC</p> <p>Performance - KS2 play performance</p>	<p>Athletics Developing different techniques, self-motivation and setting own challenges & targets.</p> <p>Dodgeball Develop understanding of when and how to attack and defend. Develop understanding of own strengths and that of their opponents.</p> <p>Tennis Extending repertoire of strokes and learn to play singles and doubles, using tactics to outwit opponents.</p> <p>Leadership Learning to lead, officiate and organise in physical education, activities and games.</p>	<p>Incarnation - Was Jesus the Messiah?</p> <p>Gospel - What would Jesus do?</p> <p>Community - What religions are found in our community?</p> <p>Christian Value: Service</p>	<p>Keeping Myself Safe - 'Thinking' about habits - Jay's dilemma - Spot bullying - Think before you click! - Traffic lights - To share or not to share? - Ella's diary - Decision dilemmas</p> <p>Growing and Changing - How are they feeling? - Taking notice of our feelings - Dear Hetty - Helpful or unhelpful? - Managing change - I look great! - Changing bodies and feelings - Growing up and changing bodies - It could happen to anyone</p> <p>Y6 only - Human reproduction and birth & transition to secondary</p>	<p>Vector Drawing - Combine shapes to create vector images - Apply layers to create more complex images - Group objects - Use a range of digital drawing techniques</p> <p>3D Modelling - Create and manipulate 3D digital objects - Compare working in 2D and 3D - Design and develop a 3D model</p>	<p>Les coquelicots - Colours - French artworks - Describing a painting</p> <p>Seasons - The four seasons - Weather - Activities - Written French</p>