

**Class 4 Curriculum Map 2022-23**

	<u>Maths</u>	<u>English</u>	<u>Science</u>	<u>History/Geography</u>	<u>Art</u>	<u>D&amp;T</u>	<u>Music</u>	<u>PE</u>	<u>RE</u>	<u>SCARF</u>	<u>Computing</u>	<u>French</u>
<b>Autumn Term</b>	<p><b>Place Value</b> Roman Numerals Numbers to 1 million (Y5) or 10 million (Y6) Powers of 10 Partitioning Rounding Negative Numbers (Y6)</p> <p><b>Four Operations</b> Mental Strategies Addition Subtraction Multiplication (inc. long multiplication in Y6) Division (inc. Long division in Y6) Inverse Operations Multi-step problems Missing Numbers Factors &amp; Multiples Squares, Cubes &amp; Primes Multiply and Divide by powers of 10 Order of Operations (Y6)</p> <p><b>Fractions</b> Unit &amp; non-unit fractions Equivalence Mixed numbers &amp; improper fractions Compare &amp; order fractions Addition &amp; subtraction of fractions Multiply &amp; divide fractions (Y6) Fractions of Amounts (Y6)</p> <p><b>Converting Units (Y6)</b></p>	<p><b>Writing</b> Way Home by Libby Hathorn - Diary - Missing poster</p> <p>Persuasive writing - travel brochure for Greece</p> <p>Poetry by Pie Corbett &amp; Michael Rosen - Writing &amp; 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 &amp; the Minotaur, The Cyclops, The Trojan Horse.</p> <p><b>SPAG</b> Structure &amp; cohesion of sentences and paragraphs</p> <p>Word classes</p> <p>Formality &amp; the passive voice</p> <p>Punctuation</p> <p><b>Reading</b> Year 5 - The London Eye Mystery</p> <p>Year 6 – The Explorer</p> <p><b>Class Novel</b> Stig of the Dump by Clive King</p>	<p><b>Materials</b> Dissolve and recover substances</p> <p>Separate mixtures (filtering, sieving and evaporating)</p> <p>Reversible and irreversible changes</p>	<p><b>History - Ancient Greece</b> 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><b>Self-portraits</b> Developing and assessing pencil drawings</p> <p><b>Carolee Clark</b> Portraits of animals and pets with a focus on line, colour and pattern.</p> <p><b>Mythical Beasts</b> Observational studies and drawing from imagination. Drawing of Dragons' Eyes.</p>	<p><b>Textiles: Stuffed Toys</b> - Design a stuffed toy considering components and shapes - Create templates - Cut and join fabric - Decorate fabric</p> <p><b>Electrical Systems: Greeting Cards</b> - Circuit construction - Design, create and review card</p>	<p><b>How Does Music Connect Us With Our Past?</b> - The Sparkle in my Life by Joanna Mangona &amp; Chris Taylor - Glassworks Opening by Philip Glass - Dreaming of Mars by Joanna Mangona &amp; Pete Readman - Macaroni Sundae by Joanna Mangona &amp; Chris Madin - Get on Board by John Chamberlain</p> <p><b>Classroom Jazz</b> - Improvising Jazz - Three Note Bossa - Five Note Swing</p> <p><b>Christmas</b></p>	<p><b>Swimming</b> Weekly sessions at Kendal to improve swimming strokes and develop personal survival techniques.</p> <p><b>OAA: Teambuilding</b> Work confidently and effectively as part of a team to solve problems.</p> <p><b>Invasion Games</b> Using the width of the pitch and overloading a defence when attacking. Condensing space and communicating when defending.</p> <p><b>Gymnastics</b> Matching, mirroring and contrasting moves.</p>	<p><b>Harvest</b> - How is food distributed across the world?</p> <p><b>People of God</b> - How can following Jesus bring freedom and justice?</p> <p><b>Christian Value:</b> Love</p>	<p><b>Me &amp; My Relationships</b> - Collaboration challenge - Give and take - Working together - Let's negotiate - Solve the friendship problem - Our emotional needs - Communication</p> <p><b>Rights &amp; Responsibilities</b> - 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><b>Sharing Information</b> - Connecting computers to form systems - The role of computer systems - How information is transferred over the internet - Working together online</p> <p><b>The Internet</b> - 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><b>At School</b> - Subjects - Opinions - Classroom objects - Describe the classroom in French</p> <p><b>Where I Live</b> - Rooms of a house - Bedroom furniture - Describe a room in French</p>

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Spring Term	<p><b>All</b> <b>Fractions, decimals and percentages</b></p> <p><b>Perimeter &amp; area (Y5) &amp; volume (Y6)</b></p> <p><b>Statistics</b></p> <p><b>Year 6 only</b> <b>Ratio</b></p> <p><b>Algebra</b></p> <p><b>Year 5 only</b> <b>Multiplication &amp; Division</b></p>	<p><b>Writing</b></p> <p>The Highwayman by Alfred Noyes - Describe character and atmosphere - Narrative writing</p> <p>Creation stories from the Mayan civilisation</p> <p>World Book Day - How to Live Forever by Colin Thompson - Discussion</p> <p>Animal fact information writing</p> <p><b>SPAG</b></p> <p>Advanced punctuation, including inverted commas for speech</p> <p>Modal verbs</p> <p>Tense</p> <p><b>Reading</b></p> <p>Year 5 - non-fiction reading activities</p> <p>Year 6 - Further work on novels</p> <p><b>Class Novel</b></p> <p>Wonder by R.J. Palacio</p>	<p><b>Evolution and Inheritance</b></p> <p>Changes in living things over time</p> <p>Variation within species</p> <p>Adaptation</p> <p>Evolution</p>	<p><b>History - The Mayan Civilisation</b></p> <p>A non-European study that provides contrasts with British history</p> <p>Use a range of historical sources to learn about the past</p> <p>Make comparisons with modern life</p>	<p><b>Monoprinting</b></p> <p>Exploring this artistic technique inspired by the work of Sandra Pearce</p> <p><b>Wire &amp; Papier Mache</b></p> <p>Modelling figures of the human body inspired by the sculptures of Alberto Giacometti</p>	<p><b>Structures: Bridges</b></p> <ul style="list-style-type: none"> <li>- Identify strong and weak shapes</li> <li>- Explore beam, arch and truss bridges</li> <li>- Construct truss bridges</li> <li>- Reinforce structures</li> </ul> <p><b>Digital World: Monitoring Devices</b></p> <ul style="list-style-type: none"> <li>- Develop design criteria</li> <li>- Program monitoring software</li> <li>- Identify errors and debug code</li> <li>- Design and construct housing for device</li> <li>- Use physical and virtual modelling tools</li> </ul>	<p><b>How Does Music Teach Us About Our Community?</b></p> <ul style="list-style-type: none"> <li>- Introducing chords</li> <li>- Erie Canal by Thomas Allen</li> <li>- Dances in the Canebrakes No. 2 by Florence Price</li> <li>- Heroes by Joanna Mangona and Pete Readman</li> <li>- Star Wars Episode IV: A New Hope by John Williams</li> <li>- Happy to be Me by Joanna Mangona and Pete Readman</li> </ul> <p><b>Classic Rock</b></p> <ul style="list-style-type: none"> <li>- Livin' on a Prayer by Bon Jovi</li> <li>- We Will Rock You by Queen</li> <li>- Smoke on the Water by Deep Purple</li> <li>- Rockin' All Over the World by Status Quo</li> <li>- Johnny B. Goode by Chuck Berry</li> <li>- I Saw Her Standing There by The Beatles</li> </ul>	<p><b>Basketball</b></p> <p>Learn different defensive systems and how to work shooting opportunities as a team.</p> <p><b>Gymnastics</b></p> <p>Develop synchronisation and canon.</p> <p><b>Hockey</b></p> <p>Refine different dribbling, tackling, shielding, passing and receiving techniques. Deepen understanding of the principles of attack and defence.</p> <p><b>OOA: Orienteering</b></p> <p>Using verbal &amp; non-verbal communication and teamwork to solve a variety of team challenges.</p>	<p><b>Creation and Fall</b></p> <ul style="list-style-type: none"> <li>- Creation and science: conflicting or complementary?</li> </ul> <p><b>Lent &amp; Easter</b></p> <p><b>Christian Value:</b> Koinonia</p>	<p><b>Valuing Difference</b></p> <ul style="list-style-type: none"> <li>- Qualities of friendship</li> <li>- Kind conversation</li> <li>- OK to be different</li> <li>- We have more in common than not</li> <li>- Happy being me</li> <li>- The land of the red people</li> </ul> <p><b>Being my Best</b></p> <ul style="list-style-type: none"> <li>- Getting fit</li> <li>- It all adds up!</li> <li>- Five ways to wellbeing</li> <li>- This will be your life!</li> <li>- Different skills</li> <li>- My school community</li> </ul>	<p><b>Databases and Information</b></p> <ul style="list-style-type: none"> <li>- Compare paper and digital databases</li> <li>- Collect, group and sort information</li> <li>- Use computer programs to select and visualise data</li> </ul> <p><b>Video Editing</b></p> <ul style="list-style-type: none"> <li>- Explore digital devices which can record video</li> <li>- Capture video using a range of techniques</li> <li>- Improve footage by re-shooting and editing</li> </ul> <p><b>Safer Internet Day</b></p>	<p><b>Time</b></p> <ul style="list-style-type: none"> <li>- Number revision</li> <li>- Time vocabulary</li> <li>- Asking for and giving the time in digital and analogue formats</li> </ul> <p><b>In Town</b></p> <ul style="list-style-type: none"> <li>- Places in town</li> <li>- Directions to places</li> <li>- Prepositions</li> </ul>
			<p><b>Living Things and their Habitats</b></p> <p>Life-cycles of mammals, amphibians, insects and birds</p> <p>Reproduction in plants and animals</p> <p>Classification of plants and animals</p>	<p><b>Geography - Urban Environment</b></p> <p>3-day residential trip to Edinburgh</p> <p>Comparisons between our own local area and Edinburgh</p> <p>Geographical fieldwork skills:</p> <ul style="list-style-type: none"> <li>- 8 compass points</li> <li>- Six figure grid references</li> <li>- OS maps</li> <li>- Field sketches</li> </ul>								

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Summer Term	<p><b>All:</b> <b>Shape</b></p> <p><b>Position &amp; Direction</b></p> <p><b>Year 6 only:</b></p> <p><b>SATS revision &amp; consolidation</b></p> <p><b>Preparation for KS3</b></p> <p><b>Themed projects &amp; problem solving</b></p> <p><b>Year 5 Only:</b></p> <p><b>Decimals</b></p> <p><b>Negative Numbers</b></p> <p><b>Converting Units</b></p> <p><b>Volume</b></p>	<p><b>Writing</b></p> <p>Danny the Champion of the World by Roald Dahl</p> <p>Running Wild by Michael Morpurgo</p> <p>Parody Poetry</p> <p>Just So Stories by Rudyard Kipling</p> <p>Explanation texts - circulatory system</p> <p>Instruction writing</p> <p>Speaking and Listening – 2 minute presentations</p>	<p><b>Animals including Humans</b></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><b>Geography - Climate Change</b></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><b>Geography - Alps &amp; The Lake District</b></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><b>Photography</b></p> <p>Study of the human figure, including the use of photography as a form of art.</p> <p><b>Observational Studies</b></p> <p>Acrylic painting of flowers, inspired by the work of Georgia O'Keefe</p>	<p><b>Food: What Could be Healthier?</b></p> <p>- Understand the journey of food from farm to fork</p> <p>- Understand the components of a 'healthy meal'</p> <p>- Read and understand nutritional information</p> <p>- Make healthier adaptations to recipes</p> <p>- Design own packaging for food</p> <p><b>Mechanical Systems: Pop-up book</b></p> <p>- Plan and produce structure for a pop-up book</p> <p>- Assemble mechanical components and mechanisms</p> <p>- Use spacers and layers to hide inner workings</p>	<p><b>Hip Hop</b></p> <p>- Fresh Prince of Bel Air by Will Smith</p> <p>- Me, Myself and I by De La Soul</p> <p>- Ready or Not by The Fugees</p> <p>- Rapper's Delight by The Sugarhill Gang</p> <p>- U Can't Touch This by MC Hammer</p> <p>- It's Like That by Run DMC</p> <p><b>Performance</b></p>	<p><b>Athletics</b></p> <p>Developing different techniques, self-motivation and setting own challenges &amp; targets.</p> <p><b>Dodgeball</b></p> <p>Develop understanding of when and how to attack and defend. Develop understanding of own strengths and that of their opponents.</p> <p><b>Tennis</b></p> <p>Extending repertoire of strokes and learn to play singles and doubles, using tactics to outwit opponents.</p> <p><b>Leadership</b></p> <p>Learning to lead, officiate and organise in physical education, activities and games.</p>	<p><b>Incarnation</b></p> <p>- Was Jesus the Messiah?</p> <p><b>Gospel</b></p> <p>- What would Jesus do?</p> <p><b>Community</b></p> <p>- What religions are found in our community?</p> <p><b>Christian Value: Service</b></p>	<p><b>Keeping Myself Safe</b></p> <p>- 'Thinking' about habits</p> <p>- Jay's dilemma</p> <p>- Spot bullying</p> <p>- Think before you click!</p> <p>- Traffic lights</p> <p>- To share or not to share?</p> <p>- Ella's diary</p> <p>- Decision dilemmas</p> <p><b>Growing and Changing</b></p> <p>- How are they feeling?</p> <p>- Taking notice of our feelings</p> <p>- Dear Hetty</p> <p>- Helpful or unhelpful?</p> <p>- Managing change</p> <p>- I look great!</p> <p>- Changing bodies and feelings</p> <p>- Growing up and changing bodies</p> <p>- It could happen to anyone</p> <p><b>Y6 only</b> - Human reproduction and birth &amp; transition to secondary</p>	<p><b>Vector Drawing</b></p> <p>- Combine shapes to create vector images</p> <p>- Apply layers to create more complex images</p> <p>- Group objects</p> <p>- Use a range of digital drawing techniques</p> <p><b>3D Modelling</b></p> <p>- Create and manipulate 3D digital objects</p> <p>- Compare working in 2D and 3D</p> <p>- Design and develop a 3D model</p>	<p><b>Les coquelicots</b></p> <p>- Colours</p> <p>- French artworks</p> <p>- Describing a painting</p> <p><b>Seasons</b></p> <p>- The four seasons</p> <p>- Weather</p> <p>- Activities</p> <p>- Written French</p>