Class 4 Curriculum Map 2024-25

<u>Maths</u>	English	<u>Science</u>	History/Geography	Art	<u>D&T</u>	<u>Music</u>	<u>PE</u>	RE	SCARF	Computing	French
Place Value Roman Numerals Numbers to 1 million (Y5) or 10 million (Y6) Powers of 10 Partitioning Rounding Negative Numbers Four Operations Mental Strategies Addition Subtraction Multiplication (inc. long multiplication in Y6) Inverse operations Multi-step problems Missing Numbers Factors & Multiples Squares, Cubes & Primes	Writing Way Home by Libby Hathorn - Diary - Missing poster Persuasive writing - travel brochure for Greece Poetry by Pie Corbett & Michael Rosen - Writing & Performance War Game by Michael Foreman - Describe setting - Letter from the trenches Information text - remembrance (11.11.24) Retell Greek myths and legends	Materials Dissolve and recover substances Solids, liquids and gasses Separate mixtures (filtering, sieving and evaporating) Reversible and irreversible changes	History - Ancient Greece A study of ancient Greek life and achievements and their influence on the western world. City states, warfare and seamanship, everyday life, beliefs and mythology Legacy of the Greeks, including education, language, architecture, government and the Olympic games	Self-portraits Developing and assessing pencil drawings Carolee Clark Portraits of animals and pets with a focus on line, colour and pattern. Mythical Beasts Observational studies and drawing from imagination. Drawing of Dragons' Eyes.	Textiles: Stuffed Toys Design a stuffed toy considering components and shapes Create templates Cut and join fabric Decorate fabric	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 Classroom Jazz Improvising Jazz Three Note Bossa Five Note Swing Christmas	Swimming Weekly sessions at Kendal to improve swimming strokes and develop personal survival techniques. OAA: Teambuilding Work confidently and effectively as part of a team to solve problems.	Christian Value: Truth The Exodus Why is the exodus such a significant event in both Jewish and Christian history?	Me & My Relationships Collaboration challenge Give and take Working together Let's negotiate Solve the friendship problem Our emotional needs Communication	Sharing Information Connecting computers to form systems The role of computer systems How information is transferred over the internet Working together online	At School Subjects Opinions Classroom objects Describe the classroom in French
Multiply and Divide by powers of 10 Order of Operations Reason from known facts Fractions Equivalence & Simplifying Mixed numbers & improper fractions Compare & order fractions Addition & subtraction of fractions & mixed numbers Multi-step problems	SPAG Structure & cohesion of sentences and paragraphs Word classes Formality & the passive voice Basic punctuation Reading Year 5 – The London Eye Mystery (Siobhan Dowd), The Iron Giant (Ted Hughes), Cool (Michael Morpurgo) Year 6 – Holes (Louis Sacher) Class Novel Stig of the Dump by Clive King				Electrical Systems: Greeting Cards Circuit construction Design, create and review card		Invasion Games – Creative Games Using the principles of a range of invasion games to create our own variations and novel games. Gymnastics 1 Matching, mirroring and contrasting moves.	Advent How do Christians prepare for Christmas?	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	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?	Where I Live Rooms of a house Bedroom furniture Describe a room in French

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	Fractions, Decimals & Percentages Multiply & divide fractions & mixed numbers Fractions of amounts Decimals to 3dp Round, order & compare decimals Four operations with decimals Fraction, decimal and percentage equivalence Order & compare fractions, decimals & percentages Percentages of amounts Perimeter & area &	Writing: The Highwayman by Alfred Noyes - Describe character and atmosphere - Newspaper reports The Popol Vuh: The Mayan Creation Story - Narratives from another culture Just So Stories by Rudyard Kipling - Focus on narrative style The Sea Is A Hungry Dog by James Reeves - Poetry	Evolution and Inheritance Changes in living things over time Variation within species Adaptation to suit environments Theory of evolution	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	Monoprinting Exploring this artistic technique inspired by the work of Sandra Pearce Observational Studies Acrylic painting of flowers, inspired by the work of Georgia O'Keefe	Structures: Bridges Identify strong and weak shapes Explore beam, arch and truss bridges Construct truss bridges Reinforce structures	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 Classic Rock Livin' on a Prayer by Bon Jovi We Will Rock You	Basketball Learn different defensive systems and how to work shooting opportunities as a team. Gymnastics 2 Develop synchronisation and incorporate apparatus.	Christian Value: Respect Easter Why do Christians believe Easter is a celebration of victory?	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	Databases and Information Compare paper and digital databases Collect, group and sort information Use computer programs to select and visualise data Safer Internet Day	Time Number revision Time vocabulary Asking for and giving the time in digital and analogue formats
Spring Term	volume Perimeter & area of rectangles & compound shapes (Y6) Area of triangles & parallelograms Volume <u>Year 6 only</u> Ratio Using ratio language Scale drawings Algebra Function machines 1 & 2-step equations Problems with 2 unknowns	How to Live Forever by Colin Thompson - Discussion Non-fiction – informative writing about animals and balanced arguments on the topic of zoos. SPAG Advanced punctuation, including hyphens, colons and semi- colons. Tense Reading Year 5 - non-fiction reading activities Year 6 - Further work on novels Class Novel Wonder by R.J. Palacio	Living Things and their Habitats Life-cycles of mammals, amphibians, insects and birds Reproduction in plants and animals Classification of plants and animals	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		Digital World: Navigating the world Develop design criteria Consider user experience Program software Identify errors and debug code Test and improve a prototype	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	Hockey Refine different dribbling, tackling, shielding, passing and receiving techniques. Deepen understanding of the principles of attack and defence. OOA: Orienteering Using verbal & non-verbal communication and teamwork to solve a variety of team challenges.	Jesus Who was Jesus? Multi-faith week How do people of faith express their beliefs through art?	Being my Best Getting fit It all adds up! Five ways to wellbeing This will be your life! Different skills My school community	Video Editing Explore digital devices which can record video Capture video using a range of techniques Improve footage by re-shooting and editing	In Town Places in town Directions to places Prepositions

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F F F C C C C C C C C C C C C C C C C C	Shape Measure & Calculate Angles Regular & Irregular Polygons Properties of circles Drawing Shapes 3D Shapes Position & Direction Coordinates in four quadrants Translation Reflection Symmetry Statistics	Writing Trash by Andy Mulligan - Adventure narrative - Book review No One is Too Small to Make a Difference – Greta Thunberg - Persuasive Speeches - Formal letter to persuade Cloud Soup – Kate Wakeling - Performance	Animals including Humans Changes in humans from birth to old age The circulatory system Impact of diet, drugs and exercise on how bodies function Transportation of nutrients and water	Geography - Climate Change Understand the impact of human activity on our planet Identify how tourism, transport and waste management affect pollution, wildlife and the climate across the globe Use maps, atlases and aerial photos	Photography Study of the human figure, including the use of photography as a form of art. Study of work by John Copeland and Man Ray Sculpture Wire sculptures of human figures inspired by Alberto Giacometti	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	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 Performance KS2 play performance	Athletics Developing different techniques, self- motivation and setting own challenges & targets. Dodgeball Develop understanding of when and how to attack and defend. Develop understanding of own strengths and that of their opponents.	Christian Value: Compassion People of faith How does having faith affect people's lives?	Keeping Myself Safe 'Thunking' about habits Jay's dilemma Spot bullying Think before you click! Traffic lights To share or not to share? Ella's diary Decision dilemmas	Vector Drawing Combine shapes to create vector images Apply layers to create more complex images Group objects Use a range of digital drawing techniques	Les coquelicots Colours French artworks Describing a painting
Summer Term	Line graphs, bar charts & tables Timetables Pie charts, inc. with percentages Mean average Converting Units Metric measures Imperial measures Units of time Timetables & duration <u>Year 6 only:</u> SATS revision & consolidation Preparation for KS3 Themed projects & problem solving	 Performance Rhythm & rhyme Advertisements Advertisement for toothpaste Non-chronological report Human circulatory system 		to explore environmental themes Geography - Alps & The Lake District Identify similarities and differences in the physical and human geography between region of the UK and one of Europe Develop use of digital mapping, atlases and photographs		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		Tennis Extending repertoire of strokes and learn to play singles and doubles, using tactics to outwit opponents. Learning to lead, officiate and organise in physical education, activities and games.	Life as a journey Is every person's journey the same? Multi-faith week Inspirational people of faith Visit to Jewish Synagogue	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 Y6 only - Human reproduction and birth & transition to secondary	3D Modelling Create and manipulate 3D digital objects Compare working in 2D and 3D Design and develop a 3D model	Seasons The four seasons Weather Activities Written French