

CYCLE A												
	<u>Maths</u>	<u>English</u>	<u>Science</u>	<u>Humanities</u>	<u>Art</u>	<u>D&T</u>	<u>Music</u>	<u>PE</u>	<u>RE</u>	<u>SCARF</u>	<u>Computing</u>	<u>French</u>
Autumn Term	Place Value Read, write, order & compare numbers to 1 million (Y5) or 10 million (Y6) Partition numbers Rounding Negative numbers Roman numerals Addition & Subtraction Mental strategies Addition & subtraction beyond 4 digits (column method) Inverse operations Reason from known facts Multiplication & Division A Factors & multiples Divisibility rules Prime numbers Squares & cubes Multiply & divide by 10, 100, 1000 Long division & multiplication (Y6) BODMAS (Y6) Fractions Equivalence & simplifying Mixed numbers & improper fractions Compare & order fractions Addition & subtraction of fractions & mixed numbers Fractions of an amount & finding the whole Multi-step problems	Writing <i>The Adventures of Odysseus – Hugh Lupton</i> -Retell Greek myths & legends <i>Way Home</i> by Libby Hathorn - Diary - Missing poster <i>Poetry</i> by Pie Corbett & Michael Rosen - Writing & performance <i>War Game</i> by Michael Foreman <i>In Flanders Fields</i> by John McCrae <i>For The Fallen</i> by Laurence Binyon - Non-chronological – what is Remembrance? - Letter in role from the trenches Instruction writing informed by science learning SPAG Word classes Basic punctuation Structure & cohesion of sentences and paragraphs Guided Reading Depth reading of selected ability-appropriate novels, including <i>The Iron Giant</i> , <i>Cool, Sky Hawk</i> , <i>The London Eye</i> <i>Mystery</i> , <i>Holes</i> & <i>Turtle Moon</i> Class Novel <i>The Adventures of Odysseus – Hugh Lupton</i>	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	Exploring Colour and Pattern: Carolee Clark Portraits of animals and pets with a focus on line, colour and pattern.	Food: Developing a Recipe Understand how different ingredients are reared, grown and processed Make adaptations to a recipe Evaluate nutritional content Practise basic food preparation skills Design a product label	Looping & Remixing Perform looped body percussion rhythm Use loops to create a whole piece of music Play a fragment of music to a backbeat Perform a piece with two different loops.	Swimming Weekly sessions at Kendal to improve swimming strokes and develop personal survival techniques. <i>Children who have already reached the objectives for the end of year 6 remain at school and are trained to be play leaders.</i> OAA: Teambuilding Work confidently and effectively as part of a team to solve problems.	Christian Value: Service 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
					Mythical Beasts Create intricate eyes and eyelids in 3D using a range of techniques inspired by Ancient Greece		Songs of WWII Use musical and comparative language Follow a melody Follow a score with a good sense of timing Recall a counter-melody line.	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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Spring Term	Multiplication & Division B (Y5) Multiplication up to 4x2 digits Formal method for division Remainders Context problems Ratio (Y6) Additive and multiplicative relationships Ratio language Scale factors Ratio problems Recipes Algebra (Y6) Use formulae Solve 1- & 2-step equations Fractions, Decimals & Percentages Decimal place value Equivalent fractions, decimals & percentages Decimal rounding Order & compare Add & subtract Multiply & divide decimals by integers Percentages of an amount (Y6) Area, Perimeter & Volume Perimeter of rectilinear shapes & polygons Area of rectangles & compound shapes (Y6) Triangles & parallelograms Compare volume Estimate capacity Statistics Draw, read and interpret line graphs Read & interpret tables, including timetables Pie charts (Y6) The mean average (Y6)	Writing: <i>The Highwayman</i> by Alfred Noyes - Describe character and atmosphere - Newspaper reports - Letter <i>The Popol Vuh: The Mayan Creation Story</i> - Narratives from another culture Non-fiction writing on animals and their habitats, linking to science topic <i>The Sea Is A Hungry Dog</i> by James Reeves - Poetry <i>How to Live Forever</i> by Colin Thompson - Discussion & debate <i>The Arrival</i> by Shaun Tan - Narrative writing <i>Edinburgh city guides and information</i> - Informative writing - Recount 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	Evolution and Inheritance Changes in living things over time Variation within species Adaptation to suit environments Theory of evolution 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 Geography - Urban Environment 3-day residential trip to Edinburgh Comparisons between our own local area and Edinburgh Exploration of digital mapping Geographical fieldwork skills: - 8 compass points - Six figure grid references - Mapping skills, different types of map - Field sketches	Botanical Monoprinting Exploring this artistic technique inspired by the work of Sandra Pearce Floral Abstraction Use of acrylics, watercolour and chalk pastels to create works inspired by Georgia O'Keefe Botanical Collage Using a range of materials in layers to create a collaborative class piece	Electrical Systems: Doodlers Understand how motors are used in electrical products Reverse-engineer a product Adapt a design Produce an electrical product Digital World: Navigating the World Investigate how products meet user need Design using CAD software Code a Micro:Bit to achieve a given function Create a housing/container for a product	South & West Africa Sing using correct pronunciation confidence Play a chord with two notes Maintain a part in a performance Play more complicated rhythms in time and with rests Create an eight beat break Composition to Represent the Festival of Colour Suggest a colour to match a piece of music Create a graphic score Create a vocal composition in response to a picture Create a vocal composition in response to a colour Record compositions in a written form Work as a group to perform a piece of music	Basketball Learn different defensive systems and how to work shooting opportunities as a team. Gymnastics 2 Develop synchronisation and incorporate apparatus. 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.	Christian Value: Respect Jesus - Learn parables about Jesus' teaching and link to Christian beliefs and actions - Link Jesus' teaching, Christian values and British values - Identify how parables are relevant to the world today Easter - Why do Christians believe Easter is a celebration of victory? - What did Jesus to save human beings? - Describe the impact of belief in the Easter story in a person's life Multi-faith week Prayer – What is prayer?	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 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 Safer Internet Day Web-Page Creation Evaluate existing websites Understand navigation paths and hyperlinks Consider copyright and intellectual property Design a set of linked pages	Time Number revision Time vocabulary Asking for and giving the time in digital and analogue formats In Town Places in town Directions to places Prepositions

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Summer Term	Shape Classify & measure angles Calculate angles using known facts Regular & irregular polygons Properties of circles (Y6) Drawing shapes 3D shapes & nets Position & Direction Coordinates in four quadrants Translation Reflection Symmetry <u>Year 5 only:</u> Further work on fractions, decimals and percentages Convert units of time Duration problems Roman numerals Final assessment <u>Year 6 only:</u> SATS revision Preparation for KS3 Themed projects & problem solving	Writing <i>Trash by Andy Mulligan</i> - Adventure narrative - Book review <i>Video stimulus – pupil interest</i> - Various narrative and non-narrative writing styles Non-chronological report based on science topic – the circulatory system <i>No One is Too Small to Make a Difference – Greta Thunberg</i> - Persuasive speeches - Formal letter to persuade <i>Cloud Soup – Kate Wakeling</i> - Performance - Rhythm & rhyme <u>Year 6 only:</u> Writing portfolio consolidation	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	Climate Change Understand the impact of human activity on our planet and identify how industry, tourism, transport and waste management affect pollution, wildlife and the climate across the globe.	Exploring 3D Figurines Exploring the human figure through the work of Alberto Giacometti	Mechanisms: Automata Toys Meet a user's needs with design criteria Use an exploded diagram to assemble Explore and use a cam mechanism Apply decorative and finishing techniques	Baroque Define some key features of Baroque music Take part in a vocal improvisation task Play several parts of a canon using staff notation Compose a ground bass melodic ostinato Notate a ground bass pattern using staff notation Name some well-known Baroque composers Learn a fugue part by reading staff notation Perform a fugue	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: People of faith How does having faith affect people's lives?	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	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
				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	Photography Study of the human figure, including the use of photography as a form of art. Study of work by John Coplans and Man Ray		Musical Theatre Explain what musical theatre is Categorise songs as action songs or character songs Select appropriate existing music for a scene Perform in time End-of-year Production	Tennis Extending repertoire of strokes and learn to play singles and doubles, using tactics to outwit opponents. Leadership 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 Sacred Places – What makes a place sacred?	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