



Long Term Curriculum Overview for Year 5



Half Term	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
Value	Belonging 		Peace 		Aspiration 		Compassion 		Resilience 		Challenge 	
Literacy Tree text	The Lost Thing by Shaun Tan	The Lost Happy Endings by Carol Ann Duffy	Beowulf by Michael Morpurgo	A non-fiction focus	Freedom Bird by Jerdine Nolen	Oliver Twist By Charles Dickens	Hidden Figures by Margot Lee Shetterly	Shackleton's Journey by William Grill	The Tempest by William Shakespeare	High Rise Mystery by Sharna Jackson	High Rise Mystery by Sharna Jackson	The Odyssey by Gillian Cross
Literary Leaf	Real life Mysteries: can you explain the unexplained? by Susan Martineau		Poems from WW1 (Remembrance)	The Listeners by Walter de la Mare	Black and British by David Olusoga		When the Stars come out by Nicola Edwards /Cosmic by Frank Cottrell		Who Let The Gods Out by Maz Evans		Mythologica by Dr. Stephen P. Kershaw	
Science	Properties and Change in Materials Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity and response to magnets. Know that some materials will dissolve in liquid to form a solution; describe how to recover a substance from a solution. Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.				Forces Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Identify the effects of air resistance, water resistance and friction that act		Earth and Space Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. Describe the movement of the Moon relative to the Earth. Describe the Sun, Earth and Moon as approximately spherical bodies.		Living Things and their Habitats Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. Describe the life process of reproduction in some plants and animals.		Animals Including Humans Describe the changes as humans develop to old age.	



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	Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible. Learn about key scientists Spencer Silver and Arthur Fry who were leading scientists in the world of adhesives including the post-it note!		between moving surfaces. Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. A study of the famous scientist, Galileo.	Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky		
History	The Tudors Learn when the Tudor period took place and what life was like during that time. Explore how fashion reflected social class, examine the role of monarchs, and focus on Henry VIII—evaluating whether he used his power responsibly. Gain insight into Tudor society, leadership, and legacy.		Industrial Revolution of Victorian Era Understand what and how the industrialisation of England occurred during the Victorian era and why it was a significant change in British history.		The Ancient Greeks Explore Ancient Greece by placing key periods on a timeline and comparing early civilisations. Discover Greek life, beliefs, myths, and achievements in democracy, philosophy, and the Olympics. Learn how Athens and Sparta differed and how Greek culture influenced modern Britain in language, politics, and education.	



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Geography		Distribution of Natural Resources Understand key aspects of economic activity including trade links of natural resources including energy, food, minerals and water. Explore how natural resources influence settlements and land use and what the importance is of conserving resources. Know which resources are renewable and non-renewable sources of energy and what benefits and drawbacks there are for each.		Arctic Circle, Antarctic Circles Extend their knowledge to identify where the Arctic and Antarctic are located and how the the lines of latitude and longitude run through them. Understand how they impact on time zones and explore the human and physical feature of these regions.		North America & Map Work Explore the continent of North America and understand key aspects of human and physical geography. Identifying countries, lines of latitude and longitude, time zones, and climate zones for this continent.
Art and Design	Portraiture Study the artist Hans Holbein , who painted portraits of some of the most important figures in Henry VIII's court. Learn about face proportions and paint self potraits in the style of the artist. Study the artist Levina Teerlinc , a female miniaturist			Abstract Art and Collage Study the artist Alma Woodsey Thomas , who developed a powerful form of abstract painting. Create a collage in her style focusing on colour and composition to build a piece of art which conveys a chosen emotion.		Watercolour Study art inspired by nature, focusing on the artist Georgia O'Keeffe , who painted nature in a way that showed how it made her feel. Learn how to enlarge sections and create detailed flower depictions in her style. Develop watercolour skills to paint natural backgrounds, and



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	who served in Henry VIII's court. Collaborating with peers, create large-scale Elizabeth I portraits, focusing on scaling and blending techniques using pastels.					create a clay sculpture for a foreground using techniques such as pinching, coiling, scoring and slipping.
Design and Technology		Seasonal Cooking – cooking and nutrition Understand what seasonality means. Know the nutritional value of ingredients and the benefits of using locally sourced foods. Plan and make a seasonal dish following a recipe and consider the flavours and textures.	Pulleys, Levers and Gears Learn about products that incorporate gear or pulley systems. Investigate a range products and learn how the mechanisms work. Explore making gear and pulley systems. Design a moving product for an intended user and purpose. Make and evaluate their product against design criteria.		Greek Architecture and Influence Explore ancient Greek temple architecture and the Doric, Ionic, and Corinthian columns. Design and build model temples using annotated sketches and suitable materials. Apply construction skills and evaluate models against original plans, suggesting improvements.	
Computing	Computing Systems and Networks –	Creating Media – Video Production	Programming A – Selection in	Data and Informations – Flat-file Databases	Creating Media – Introduction to Vector Graphics	Programming B – Selection in Quizzes



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	Systems and Searching Develop their understanding of computer systems and how information is transferred between systems and devices. Consider small-scale systems as well as large-scale systems. Explain the input, output, and process aspects of a variety of different real-world systems. Discover how information is found on the World Wide Web, through learning how search engines work and what influences searching.	Learn how to create short videos in groups. Be exposed to topic-based language and develop the skills of capturing, editing, and manipulating video. Investigate the use of devices and software. Be guided with step-by-step support to take their idea from conception to completion. Have the opportunity to reflect on and assess their progress in creating a video.	Physical Computing Use physical computing to explore the concept of selection in programming through the use of the Crumble programming environment. Be introduced to a microcontroller and learn how to connect and program components through the application of their existing programming knowledge. Be introduced to conditions as a means of controlling the flow of actions and make use of their knowledge of repetition and conditions when introduced to the concept of selection.	Explore how a flat-file database can be used to organise data in records. Use tools within a database to order and answer questions about data. Create graphs and charts from their data to help solve problems. Use a real-life database to answer a question, and present their work to others.	Start to create vector drawings. Learn how to use different drawing tools to help them create images. Recognise that images in vector drawings are created using shapes and lines, and each individual element in the drawing is called an object. Layer their objects and begin grouping and duplicating them to support the creation of more complex pieces of work.	Develop their knowledge of selection by revisiting how conditions can be used in programs and then learning how the If... Then... Else structure can be used to select different outcomes depending on whether a condition is true or false. Represent this understanding in algorithms and then by constructing programs using the Scratch programming environment. Use their knowledge of writing programs and using selection to control outcomes to design a quiz in response to a given task and implement it as a program.
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Religious Education	<u>Key Question:</u> How far would a Sikh go for their religion? Religion: Sikhism	<u>Key Question:</u> Is the Christmas story true? Religion: Christianity	<u>Key Question:</u> Are Sikh stories important today? Religion: Sikhism	<u>Key Question:</u> How significant is it for Christians to believe God intended Jesus to die? Religion: Christianity	<u>Key Question:</u> What is the best way for a Sikh to show commitment to their faith? Religion: Sikhism	<u>Key Question:</u> What is the best way for a Christian to show commitment to God? Religion: Christianity
Physical Education	Football	Hockey	Gymnastics	Dance	Athletics	Rounders
Personal, Social, Health and Emotional	Being me in my world	Celebrating differences	Dreams and goals	Healthy me	Relationships	Changing Me
Modern Foreign Language (KS2) Spanish	La fonética 2-3– Phonics and Pronunciation Learn a selection of the key phonemes to facilitate accurate and authentic pronunciation as part of the Spanish learning experience.	La Fecha – The Date Learn about and consolidate the days of the week, months of the year and numbers 1-31 will be introduced. Acquire the knowledge and skills to say the date and when their birthday is.	En la cafetería - At the Café Remember and recall a wide variety of foods, snacks, and drinks typically served in a Spanish cafeteria. Understand how to change a singular noun to plural form. Perform a short role-play ordering what they would like to eat and drink.	Tienes una Mascota – Do you have a pet? Learn about pets and be able to describe what pets they have and/or do not have at home. Use 1st person singular and 3rd person singular verb to say what the pet is called and use conjunctions more confidently.	¿Qué tiempo hace?- What's the Weather Like? Learn to ask what the weather is like and respond. Recognise and recall the conjunctions 'y' (and) & 'pero' (but), the 4 core compass points, numbers 1-31 to say the temperature, the 7 days of the week and the time of day. Present a weather forecast in Spanish.	Mi Casa – My Home Learn how to say where they live and which rooms they have and do not have in their homes. Use prior learning alongside new vocabulary, conjunctions and grammar to create independent responses.



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Music	What shall we do with a drunken sailor? (Sea shanties, beat, rhythm, chords, bass, dot notation) Why we sing (Gospel music, instruments, structure, texture, vocal decoration.) Introduction to song writing – Glockenspiels (Structure (verse/chorus), hook, lyric writing, melody.)		Madina tun Nabi (Nasheed (Islamic song), drone, melody, harmony, chords (G and D), vocal decoration, microtones) Three Little Birds - Glockenspiels (Reggae, riffs, offbeat, chords, major triads D and G, bassline, unison, harmony)		Balinese gamelan (Gamelan from Bali, interlocking rhythms, vocal chant, structure (musical cycles). Composing in ternary form - Glockenspiels (Structure (Ternary form/ABA), pentatonic scale, tempo, dynamics, 20th-century orchestral music.) Kisne banaaya - Glockenspiels (A song from India and Pakistan, melody, accompaniment, four-part singing in a round, creating an arrangement.)	
Safety	E-Safety Consider appropriate username and passwords to ensure account safety and protecting personal information. School Trip safety	E-Safety We will be introduced to encrypted internet connections. Furthering our understanding of online safety and password security. Keeping safe at school	E-Safety Keeping information safe online. Fire safety	E-Safety We will develop our understanding of online filters and online searches, while fact checking information found online.	E-Safety We will consider safe searches when sourcing images and what to do when faced with inappropriate or disturbing content. Road Safety	E-Safety Improving our knowledge of location when using online devices and how this can be used to track our location. Considering safety of QR codes. Electrical safety
Visits and visitors	Hampton Court	Local walk		Zoolab workshop	STEM Lego Robotics Workshop (D&T)	
Special events	Harvest	Anti-Bullying week Interfaith week		Easter		Sports Day Celebration of learning