



## Lunt's Heath Primary School Year 5 Long Term Plan 2024-2025



	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
<b>Mathematics Units</b>	Number: Place Value = Numbers to 1,000,000 Number: Addition and Subtraction Number – Place Value = Roman Numerals Statistics		Number: Multiplication and Division Number: Place Value - Decimals		Number: Multiplication and Division Cont. Number: Fractions Measurement – Converting Units = Length and Mass		Number: Fractions Cont. Number: Decimals Geometry – Properties of Shape Geometry: Angles and Shapes		Number: Percentages, Position and Direction Measurement: Converting Units = Time Whole Numbers: Word Problems		Measurement: Properties of Shape = Perimeter and Area Measurement = Volume	
<b>English Units/ Core Texts</b>	Narrative	Legends (Beowulf – Michael Morpurgo)	Classic narrative poetry (The Lady of Shalott – Alfred Lord Tennyson)		Flashbacks/time shift (The Man who walked between the Towers – Mordecai Gerstein) Stories from other cultures (The Explorer Katherine Rundell)		Stories from other cultures (The Explorer Katherine Rundell)		Novel as a theme (The Nowhere Emporium – Ross McKenzie)			
	Non-fiction	Information booklet (linked to History)	Film and playscript: (A Christmas carol – Charles Dickens)		Reports including formal reports (Linked to text)		Persuasion (Linked to Geography)		Explanation text (Linked to Science)		Information text hybrid (Linked to text)	
	Poetry	Poetry – Kennings (Linked to History)			Poems with a structure e.g. haiku, limericks (KS2 The works – Paul Cookson)			Poems with figurative language (The magic box – Kit Wright)				
<b>Science</b>	<b>Properties and changes of materials</b> <i>Develop knowledge of materials to be able to change their state using reversible and irreversible reactions.</i>		<b>Animals Including Humans</b> <i>Describe changes as humans develop to old age.</i>		<b>Space</b> <i>Describe the movements of Earth, Moon, Sun and other planets causing night and day.</i>		<b>Forces</b> <i>Understand how forces act on objects in air, water and on surfaces before explaining how mechanisms can help this.</i>		<b>Living things and their habitats</b> <i>Describe different in life cycles and reproduction in plants and animals.</i>		<b>Science Skills</b> <i>Recap of Year 5 science skills and missing learning from monitoring.</i>	

<p><b>Geography</b></p>	<p>Why is Brazil in the news? <b>South America</b></p> <p>Investigate the environmental regions, key physical and human characteristics, countries and major cities of South America. Understand the geographical similarities and differences through an in-depth study of Brazil.</p>		<p>Why should rainforests be important to us all? <b>Climate, Biomes &amp; Vegetation Belts</b></p> <p>Investigate the key aspects of physical geography: climate zones, biomes and vegetation belts with a special focus on rainforests, introducing latitude and longitude and time zones in relation to their locations in the world.</p>		<p>How is a river formed? <b>Rivers &amp; the Water Cycle</b></p> <p>Investigate how rivers are formed and their place within the water cycle, relating their knowledge to a visit to a river in the North West using sketch maps, plans, graphs and Digimaps. Use 8 compass points and 6 figure grid references.</p>	
<p><b>History</b></p>	<p>What was the battle like between the Anglo-Saxons and the Vikings for the kingdom of England? <b>Anglo-Saxons and Vikings</b></p> <p>Understand the groups that occupied England using a range of primary and secondary sources to find out about the past and how these have been interpreted.</p>		<p>How did the events of 1066 change Britain? <b>The Norman Invasion: A study of an aspect or theme in British history that extends beyond 1066.</b></p> <p>Continue to develop an understanding of British history explaining a series of directly related events that happened on the lead up to a historical event.</p>		<p>Who were the Mayans and what have we learnt from them? <b>Mayan Civilization - Non-European Society</b></p> <p>Continue to appreciate that some ancient civilisations showed greater advancements than people who lived centuries after them.</p>	
<p><b>Art and DT</b></p>	<p>Anglo Saxon Printing <b>Collagraph Printing on fabric:</b></p> <p>Make printing blocks and experiment with different materials to create precise repeating patterns. Compare the methods and approaches of different designers. Take inspiration from textile work from other cultures, countries and through history.</p>	<p>South American Food <b>Cooking and Nutrition: What could be healthier?</b></p> <p>Adapting a traditional recipe, understanding that the nutritional value of a recipe alters if you remove, substitute or add additional ingredients.</p>	<p>Rainforest Painting <b>Rainforests: Painting</b></p> <p>Experiment with different colours to create a mood and to use colour and shapes to reflect feelings and moods.</p>	<p>Toys <b>Textiles: 3D Stuffed Toys</b></p> <p>Designing a stuffed toy, considering the main component shapes required and creating an appropriate template.</p> <p>Develop a personal style.</p>	<p>Maya collage <b>Ancient Maya Art: Collage</b></p> <p>Create a collage that has a striking effect because of its colour choices, pattern, lines, tones or shapes. Modify and change materials to be used in a collage and share the visual and tactile qualities of your work.</p>	<p>Hydraulic and pneumatic machines <b>Mechanisms: Automata Toys</b></p> <p>Experimenting with a range of cams, creating a design for an automata toy based on a choice of cam to create a desired movement. Understanding how linkages change the direction of a force and make things move at the same time.</p>

<p><b>Religious Education</b></p> <p><b>Where can we find guidance about how to live?</b></p>	<p>Why is it sometimes difficult to do the right thing?</p> <p><b>Christianity (God)</b> Explain Christian beliefs and teachings about sin and temptation and the importance of forgiveness.</p>	<p>Why is the Quran so important to Muslims?</p> <p><b>Islam</b></p> <p>Describe and explain what Muslims believe when they describe Muhammad (pbuh) as the seal of the prophets. Talk about how the Qur'an is a source of guidance in everyday life.</p>	<p>What do we mean by a miracle?</p> <p><b>Christianity (Jesus)</b> Build on prior learning about the incarnation. Understand and explain the importance for many Christians in the resurrection of Jesus.</p>	<p>Do people need laws to guide them?</p> <p><b>Judaism</b> Explain the importance of the Torah. Make links to prior learning of the Story of Moses.</p> <p>Judaism Workshop</p>	<p>How do people decide what to believe?</p> <p><b>Christianity (Church)</b> Identify the beliefs contained within the Apostle's Creed. Describe what Christians mean when they talk about one God in Trinity.</p>	<p>What might Hindus learn from stories about Krishna?</p> <p><b>Hindu Dharma</b> Describe and explain a variety of ways that Hindus might celebrate the festival of Holi.</p> <p>Consider whether there are links between the 'truths' and values revealed in the story of Rama and Sita.</p>
<p><b>PHSE</b></p>	<p><b>Being Me In My World</b></p> <p>Understand responsibilities as a citizen of my country and school.</p>	<p><b>Outdoor Learning</b></p>	<p><b>Celebrating Difference</b></p> <p>Understanding cultural differences and racism. Direct and indirect bullying.</p>	<p><b>Dreams And Goals</b></p> <p>Understanding possible future career aspirations and how to work towards them.</p>	<p><b>Healthy Me</b></p> <p>Impact of smoking and drinking on key organs. Social media and the impact on body image.</p>	<p><b>Relationships + Changing Me</b></p> <p>Using technology and being online responsibly and safely.</p> <p>Puberty.</p>

<p><b>Computing</b></p>	<p>My online Life As Year 4 plus... Thinking about different scenarios and looking at reporting tools such as CEOPs.</p>	<p>Making games AR  In this activity, the children will be introduced to the world of Augmented Reality (AR). The children will play and review AR applications, create a vlog and discuss the risks of video sharing online. As their final challenge, they will design and create their own AR scene based on a book, movie or game.</p>	<p><b>Steam challenges</b>  This activity will pit the girls against the boys in a series of creative STEAM challenges. They will tackle code, maths, art, DT and lots of problem solving.</p>	<p>Binary Messages This activity introduces binary code. It explains what binary code is and how it is used. The children then challenge each other to solve word problems by using binary code as a form of secret messaging. The children will be introduced to spreadsheets and learn basic formulas. They will then create their own binary conversion machine.</p>	<p>Youtube Every child wants to be a 'Youtuber'. In this activity children will learn about what that actually means and they will explore the positive and negatives associated with being a YouTuber. The children are given the opportunity to create their own vlog, edit and then critique it.</p>	<p>Web designer  In this activity the children will learn about the history of the web, basic HTML, how to create their own graphics and how to publish their own website.</p>
<p><b>Indoor PE</b></p>	<p><b>Dance- British values</b>  Communicate effectively with a partner to develop a sequence</p>	<p><b>Yoga</b> Understanding the right state of mind</p>	<p><b>Gymnastics – Mirroring and Contrast</b>  Perform elements of unison and canon in a group routine</p>	<p><b>Health related fitness- Healthy dance</b>  Develop core strength, flexibility and understand importance of teamwork for success.</p>	<p><b>Net and Wall-Tennis</b>  Use a selection of grips to perform various shots – sending and receiving and moving quickly around the court.</p>	<p><b>Gymnastics – Synchronisation and canon</b>  Sequencing consistency and symmetry</p>
<p><b>Outdoor PE</b></p>	<p><b>Sports Hall Athletics</b>  To apply the correct techniques for running and jumping</p>	<p><b>Basketball</b>  To dribble, pass and shoot the basketball using the correct technique to play in a game</p>	<p><b>OAA</b> To think creatively and collaboratively to find solutions to problems</p>	<p><b>Netball</b> To pass accurately using a variety of shots and position ready for rebounds</p>	<p><b>Athletics</b>  To explore a range of track and field events over long and short distances</p>	<p><b>Baseball</b>  To develop power and direction of the ball using the full face of the bat</p>

<b>Music</b>	<b>Livin' On A Prayer</b> Rock	<b>Classroom Jazz 1</b> Three Note Bossa and Five Note Swing	<b>Whole Class – Ukelele Lessons</b>	<b>Make You Feel My Love</b> Pop	<b>The Fresh Prince of Bel-Air</b> Hip Hop	<b>Dancing In The Street</b> <b>Motown</b>
<b>MFL</b>	<b><u>French Culture</u></b> Recapping classroom language and instructions <b><u>Talk about us</u></b> Forming sentences to express feelings	<b><u>My town</u></b> Recognise difference buildings and places in town <b><u>Directions</u></b> Asking 'Where is' <b>Assessment 1</b>	<b><u>School Subjects</u></b> Exploring school subjects and giving an opinion	<b><u>Clothing</u></b> Describe and name different items of clothing. <b><u>Fashion Show</u></b> To design and describe an outfit. <b>Assessment 2</b>	<b><u>Jungle Animals</u></b> Naming jungle animals, understanding a jungle story and writing my own.	<b><u>Healthy eating</u></b> Recalling names of fruits and vegetables. <b>Assessment 3</b>
<b>Trips</b>	Chemistry with cabbage	Robinwood	Judaism Workshop	Space Camp Planetarium?	River Trip	Mayan VR Workshop Islam Workshop