

# Cunningham Hill Junior School Year Plan for Year 5

Topic	AUTUMN It's all Greek to Me!	SPRING Crime and Punishment	SUMMER One Giant Leap
<b>English</b>	<p style="text-align: center;"><b><u>Autumn 1</u></b> The Lost Thing Outcome: fantasy narrative</p> <p style="text-align: center;">King Kong Outcome: Newspaper report</p> <p style="text-align: center;"><b><u>Autumn 2</u></b> The Odyssey Outcome: epic adventure</p>	<p style="text-align: center;"><b><u>Spring 1</u></b> The Man who Walked Between the Towers Outcome: Biography</p> <p style="text-align: center;"><b><u>Spring 2</u></b> The Strange Case of Origami Yoda. Outcome: discussion</p>	<p style="text-align: center;"><b><u>Summer 1</u></b> Curiosity: The Story of a Mars Rover Outcome: explanation</p> <p style="text-align: center;">Hidden Figures Outcome: memoir</p> <p style="text-align: center;"><b><u>Summer 2</u></b> Robot Girl Outcome: Science Fiction Narrative</p>
<b>Maths</b>	<ul style="list-style-type: none"> <li>- Place Value, rounding and estimation, ordering</li> <li>- Negative numbers</li> <li>- Addition and subtraction mental fluency</li> <li>- Interpret information, reading timetables</li> <li>- Read, write, order and compare numbers with up to 3 decimal places</li> <li>- Multiply and divide by 10, 100 and 1000</li> <li>- Properties of number (multiples, factors and common factors)</li> <li>- Prime and composite numbers</li> <li>- mental multiplication and division</li> <li>- Problem solving with key facts</li> <li>- Formal multiplication and division</li> <li>- Equivalent fractions, comparing and ordering fractions, adding and subtracting fractions</li> </ul>	<ul style="list-style-type: none"> <li>- Problem involving all 4 operations</li> <li>- multiplying fractions</li> <li>- converting between units of measure</li> <li>- area and perimeter</li> <li>- volume</li> <li>- Identifying 3-D shapes from 2-D representations.</li> <li>- Percentages</li> <li>- Reflection and translation</li> <li>- perimeter</li> <li>- Identifying unknown angles.</li> </ul>	<ul style="list-style-type: none"> <li>- formal methods for division and multiplication</li> <li>- Problems involving multiplication and division, including scaling by simple fractions.</li> <li>- Use all four operations to solve problems involving measure</li> <li>- Understand and use approximate equivalences between metric units and common imperial units.</li> <li>- Use all four operations to solve problems involving measure</li> <li>- Fraction, decimal and percentages problems.</li> <li>- Reading timetables and calculating with time</li> </ul>
<b>Science</b>	<p><b><u>Living Things and their habitats.</u></b> Life cycles of mammals, amphibians, insects and birds, Cloning.</p> <p style="text-align: center;"><b><u>Forces</u></b> Gravity, Air resistance, Water resistance, Friction.</p>	<p style="text-align: center;"><b><u>Properties and changes of materials</u></b> Materials and their properties, Dissolving, Solids, liquids and gases and separating them in different ways, Reversible and irreversible changes, Creation of new materials.</p>	<p style="text-align: center;"><b><u>Earth and Space</u></b> The movement of the Earth, Moon, Sun and other planets/solar system,  How rotation can explain day and night.</p> <p style="text-align: center;"><b><u>Reproduction in plants and animals.</u></b> Changes as humans develop to old age. (Links to SRE)</p>
<b>History</b>	<p style="text-align: center;"><b><u>The Ancient Greeks</u></b> A broad overview of life in Ancient Greece, including the birth of Athenian democracy, everyday life, religion and politics</p> <p>Use a variety of sources to predict/deduce information about the past and explain reasoning. Compare an aspect of life with the same aspect in another period Compare beliefs and behaviour with another time studied</p> <p style="text-align: center;">Workshop day in school.</p>	<p style="text-align: center;"><b><u>Crime and Punishment through the ages.</u></b> Develop a broad overview of life in Britain from 1066 to Victorian times, focusing on continuity and change - including chronological understanding, key dates and vocabulary. Including a visit to St Albans Court/Museum</p> <p>Developing enquiry techniques - setting own enquiry questions on a related theme and selecting sources of evidence, giving their reasons for choice</p>	<p style="text-align: center;"><b><u>Industrial revolution</u></b> To understand key inventions from the Victorian Period to the forefront of industry, including the steam train, telephone and London Underground.</p> <p>Select relevant sections of information Select relevant sections of information Examine causes and results of great events and the impact on people</p>
<b>Geography</b>	<p style="text-align: center;"><b><u>Modern Greece</u></b> The importance of tourism in choice of settlement. – linked to Ancient Greece. Developing understanding of location Map work- physical features of Greece.</p>	<p style="text-align: center;"><b><u>Local study and fieldwork</u></b> Explore the local area, field work research, drawing together knowledge of features of settlements, visiting a local business and understanding production. Identifying the needs of a community and investigating how well those needs are met within our locality.</p>	<p style="text-align: center;"><b><u>Waters and Rivers</u></b> The course of a river. Physical and human features of rivers. How rivers shape the landscape. Major rivers of UK/The World. Field study of the River Ver. Measurement skills &amp; graphs.</p>
<b>Art</b>	<p style="text-align: center;"><b><u>Greek Masks</u></b> Create an Ancient Greek theatre mask using paper mache</p>	<p style="text-align: center;"><b><u>Objects and Meanings</u></b> <b>Street Art</b> Investigate/evaluate the work of popular street artists, using appropriate vocabulary.</p>	<p style="text-align: center;"><b><u>Water Landscapes</u></b> Covering techniques to paint a water scene – watercolour blocking, oil pastels, pastels and powder paint, as well as using other objects to paint</p>

		<p>Stencils and printing. Combine colours and tones to enhance work. Combine visual and tactile qualities. Build up layers of colour, create an accurate pattern showing fine detail and precision in technique. Create temporary pop-up installation in school playground.</p>	<p>with (fingers, twigs, cotton buds)  <b>Artist studies:</b> Hockney, Monet, Constable, Turner and Seurat, Klimt.</p>
<b>D&amp;T</b>	<p><b><u>Mechanisms – Moving Toys</u></b> link to Earth &amp; Space topic</p>	<p><b><u>Food Technology - Bread</u></b> Experience and taste different types of bread that are eaten around the world. Design and create own bread product. Link to Enterprise/Skills builder.</p>	<p><b><u>Boat making</u></b> Planning and creating an effective boat to fit a practical design brief including movement, buoyancy (link to Industrial Revolution)</p>
<b>Music</b>	<p>Composing and singing songs about the Ancient Greeks. Singing songs for musical, notation</p>	<p>Djembe drumming Composing using <i>Garageband</i> (link to curriculum or current affairs)</p>	<p>Rock Music (Charanga unit Livin' on a prayer) Composing and songs linked to rivers &amp; Smetna's Vlatava.</p>
<b>RE</b>	<p><b><u>Christianity &amp; Judaism</u></b> How and why do Jewish people celebrate festivals and key life events?  <b>Beliefs and practices</b> <b>Symbols and actions</b>  UC Was Jesus the Messiah? (Core) <b>Beliefs and practices</b></p>	<p><b><u>Christianity &amp; Judaism</u></b> What are the challenges for Jewish people today who follow ancient laws?  <b>Identity and belonging</b>  UC What did Jesus do to save human beings? (Core) <b>Beliefs and practices</b></p>	<p><b><u>Christianity &amp; Judaism</u></b> Right and wrong: How do religious people decide how to solve dilemmas?  <b>Justice and fairness</b>  UC 'Creation and Science' contradictory or complementary? (Core) <b>Ultimate questions</b> Creation stories and the ultimate questions they raise.</p>
<b>PSHE</b>	<p><b><u>Being Me:</u></b> My year ahead, being a citizen and part of a community, responsibilities, rewards and consequences, our Learning Charter. <b><u>Celebrating differences:</u></b> different cultures, religions, races discussing bullying does money matter?</p>	<p><b><u>Dreams and goals:</u></b> Dream lifestyle, jobs, jobs in different cultures, supporting each other <b><u>Healthy Me:</u></b> smoking, alcohol, emergency aid, body image, relationship with food</p>	<p><b><u>Relationships:</u></b> safety and online communities, gaming, relationship with technology and screen time <b><u>Changing Me:</u></b> - Unique me; having a baby; girls/boys and puberty; conception</p>
<b>Computing</b>	<p><b><u>Data Matters</u></b> Spreadsheets and databases <b><u>Online Safety</u></b> Developing understanding of how to conduct and protect themselves online.</p>	<p><b><u>Sound Works</u></b> Manipulating sound for effect Children use sound software <b><u>Digital Concept Mapping</u></b> To allow children to organise information that they already know, forming connections and making links.</p>	<p><b><u>Robotics and Systems Programming</u></b> physical and computer generated objects  <b><u>Game Creator</u></b> Create a 3D game, thinking of difficulty and playability</p>
<b>French - Language Angels</b>	<p>Core Vocab Units  At the Café</p>	<p>My home  What's the date?</p>	<p>The Weather  Planets</p>
<b>CHILL OUT</b>	<p>Survival skills Orienteering</p>	<p>Teambuilding Crime scene investigation</p>	<p>Sport related art</p>