



## Year 5/6 Long Term Overview Cycle B

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Project Name</b>	Mayans (H)	Rainforests (G)	World War 2 Abroad (H)	World War 2 Home (H)	Food, Glorious Food (G)	Our local area (G)
<b>Link Question</b>	What did Mayans believe and when did they live?	Could you survive Jumanji?	Britain's "Finest hour"?	Why did Germany lose the Battle of Britain?	How far has your tea travelled? Is life on earth sustainable?	Where on Earth am I?
<b>Memorable experience</b>	Durham University Visitor	Hamsterley Forest Winter Gardens OASES	Eden Camp DLI museum	Beamish Recreate Blitz evacuation.	Sainsbury's Farm/factory trip?  Robinwood	Beach, cathedral Wharton Park Historic Durham- Durham through 1000 years – Cathedral workshop?
<b>Outdoor learning</b>	Play games 'what did the Mayans play?' BBC bitesize resource.	Build an Explorer style den	Build an Anderson Shelter		School garden/ allotment	Nature walk around Durham city
<b>Class Novel</b>		The Explorer – Katherine Rundell 30 million different insects in the rainforest – Paul Rockett	Waiting for Anya – Michael Morpurgo When Hitler Stole Pink Rabbit – Judith Kerr Anne Frank's Diary? The Boy in the Striped Pyjamas - John Boyne	Letters from a lighthouse – Emma Carroll	Oliver – Charles Dickens The Astounding Broccoli Boy – Frank Cottrell Boyce The Incredible Book-Eating Boy – Oliver Jeffers	The Lambton Worm Skellig – David Almond
<b>Reading</b>	Read creation story and Maya Gods and beliefs	Read explanation texts and non fiction books about the rainforest	Diary entries as a History source	Adverts and 1930s/1940s posters	Recipes	Read local folk tales – listen to an oral storyteller
<b>Writing</b>	Retell the Maya creation story	Explanation text of microorganisms	Write a diary entry in the style of an evacuee	Advert for Women to go to work/ Soldiers to go to war.	Recipes with detailed description and instructions	Create own version of a local folk tale.
<b>Speaking and Listening</b>	Explanation linked to Science how exercise affects the body.	Present about pollution, global warming and the effect on the rainforest	Hot seating – evacuees and prisoners of war	Role play code cracker/ telephone operator	Cookery programme	Market research into the preferences children have about the local area and improvements that could be made.

<b>Maths</b>	How long ago timeline, reading and understanding dates	Measuring rain fall and plot it on a graph – compare to rainforest conditions.	Measuring distance.	Number code crackers algebra – symbols for numbers or letters	Eat well for less – calculate cost of shopping basket for enterprise project	Data handling carry out surveys and decide how to present the results
<b>Science</b>	<p><b>Living Things and Habitats</b> Life cycles of animals and plants Life processes Classification <b>Animals including humans –</b> heart, human circulatory system, blood vessels and blood; impact of diet, exercise, drugs and lifestyle on the way their bodies function; describe the ways in which nutrients and water are transported within animals, including humans.</p> <ul style="list-style-type: none"> <li>• Circulatory system</li> <li>• Exercise, drugs and nutrition</li> <li>• Keeping healthy</li> </ul> <p>Investigation – Effect of exercise on heart rate</p>		<p><b>Light</b> light appears to travel in straight lines; the eye; light travels from light sources to our eyes; shadows</p> <p>Investigation – Does the distance of the light source affect the size of the shadow?</p> <p><b>Forces (&amp; Magnetism)</b> gravity; air resistance; water resistance; friction</p> <p>Investigation - Which surface does the car move most quickly? Which material helps reduce friction the best? What is the best shaped parachute?</p>		<p><b>Evolution and Inheritance</b> living things have changed over time; fossils provide information about living things that inhabited the Earth; variance; adaptations may lead to evolution</p>	
<b>Working scientifically</b> - on going across the year						
<b>History</b>	Understand the impact of invading cultures/peoples and describe and make links between events and changes and give reasons for, and results of, these events and changes.  Ancient times non European study Mayan Civilisation		Changes in Britain Draw a timeline with different time periods outlined which shows different information such as periods of history, when famous people lived, etc  The Battle of Britain Dunkirk Understand why World War 2 started, and what is meant by the 'Phoney War'. Develop a familiarity with the location of the countries involved in the first year of World War 2	Changes in Britain Create timelines which outline the development of specific features, such as medicine, weaponry, transport etc  How WW2 began Gas mask and blackouts Bomb shelters and the Blitz Evacuees – leaving home, life in the country, returning home Rationing, dig for victory, Victory  Local History Study the War in Durham		

<b>Geography</b>		<p>Locational knowledge Locate the world's countries, using maps</p> <p>Rainforests under threat – the vanishing rainforest Deforestation Palm oil debates</p>			<p>Human and physical Geography/ Fieldwork and skills Describe and understand key aspects of human geography</p> <p>Where does our food come from? Farms in temperate, tropical and Mediterranean climates Climate conditions in a range of different biomes Water cycle Fair trade</p>	<p>Place Knowledge/ Fieldwork and skills Understand geographical similarities and differences and change through the study of human and physical geography of the United Kingdom.</p> <p>Map reading skills, grid references Research the local area Discover the local area Learn something new about the local area Local walk observations. Eg. Homes. Etc Community Places in the community History of the area</p>
	<b>Geographical skills and fieldwork - on going across the year</b>					
<b>D.T.</b>		<p>INVESTIGATE, DESIGN, MAKE, EVALUATE 3D FABRIC STITCH: FUNCTIONAL &amp; DECORATIVE Make a 3D animal mask from textiles OR a textile toy animal from the rainforest!</p>		<p>INVESTIGATE, DESIGN, MAKE, EVALUATE FOOD NUTRITION SAFETY &amp; HYGIENE</p> <p>Rations are back! Help with homely home front cooking.</p>		<p>INVESTIGATE, DESIGN, MAKE, EVALUATE MECHANISM: CAMS, GEARS, PULLEYS</p> <p>Use cams, gears or pulleys to animate a model (or drawn) Owl or Squirrel!</p>
<b>Art and Design</b>	<p>Skills and techniques Printing and painting</p> <p>Tribal art</p>		<p>Skills and techniques Sculpture</p> <p>Prisoner/ refugee hiding place sculptures</p>		<p>Knowledge about artists/ Skills and techniques sketching</p> <p>Surrealist art Sketching – fruit bowls</p>	

<b>Music</b>	Charanga Happy	Charanga Classroom Jazz 2	Charanga Benjamin Britten – A New Year Carol	Charanga Happy	Charanga You've Got a Friend	Charanga Reflect, Rewind and Replay
<b>Computing</b>	Privacy and security Introduction to G suite Collaborative project 3D animation	Copywrite and ownership Sonic Pi Music programming	Online relationships Bletchley park 1 code breaking and password hacking	Online bullying Bletchley park 2 ww1 and the first computers	Managing online information Microbits the meaning and purpose of programming	Health, wellbeing and lifestyle Photography and digital art
<b>PHSE and SRE Jigsaw</b>	Recovery Programme (2020 only)  Being Me in my World	Celebrating Difference inc. Anti Bullying	Dreams and Goals	Healthy Me	Relationships	Changing Me inc. Sex Education
<b>P.E.</b>	Multi skills Invasion games	Invasion games Gymnastics	Gymnastics Dance	Health and fitness Striking and fielding games	Invasion games Net and wall games	Athletics OAA
<b>R.E.</b>	What can we find out about a local Muslim community? How and why do people care about the environment? What do the gospels tell us about the birth of Jesus?		What do we know about the Bible and why is it important to Christians?  Why are Good Friday and Easter Day the most important days for Christians?		What can we learn about religious diversity in our area? (YEAR 5)  So, what do we now know about Christianity? (YEAR 6 Bridging Unit)	
<b>Statutory subject in all year groups Curriculum must be based on Durham Agreed Syllabus 2020 for all maintained schools</b>						
<b>MFL</b>	Salut- A school trip	Salut-Seasons	Salut-Environment	Salut- A weekend with friends	Salut- The future	Salut- Jobs