

Long term planning overview - Year 4 Beetles

	Topic title	Super start	Fantastic finish	Literacy unit links	Numeracy units	Science	ICT/Ipad	History/Geag
Autumn 1	Fabulous Fenland	Visit to Wicken Fen (1 st week of term) Sp S	Make a large scale fenland, and put windmills around? Make a Wind pump as at Wicken Fen	Narrative - Imagined worlds/adventure Power of illustration The Green Ship by Quentin Blake. Produce own style of book. Sp Structured Poetry - using the green ship as a visual (2) Non - fiction Explanation text - life cycles Focussed author Jeremy Strong	Place Value Addition Subtraction	Living things Classification Sp Life cycles Water cycle Explanation text included in planning <i>Measuring growth, data, volume, measures of soil, water etc.</i>	To communicate using ipads Videos of explanations Presenting data in a range of ways	<i>Physical Geog</i> Water cycle, compasses Geographical Sources Key features of UK C S
Autumn 2	Mountain high, Valley low	Outdoor Experiences (Adrian) Year 4 to Grafham Water?	Build a giant volcano - can you make it erupt? Create a disaster day Build a Mountain Scene.	Non-Fiction Recounts - Diary (George Mallory, Sir Edmund Hillaary) Sp Narrative Fairy Tales C Visual poetry with this also	Multiplication Division Place Value	Liquid solids and gases, Write about importance of oxygen in mountaineering? <i>Measures -volume</i>	To code - sensing	Eco-systems - Biomes Distribution of natural resources M Geo Zones Sp
Spring 1	Super Settlements Savage Saxons	Building Challenge! Who can make the tallest? Strongest? Settlement challenge!	Visit to Weststowe Sp	Non - fiction Reports Narrative - myths Beowulf. Write a mini saga and poetry within this unit C M Author focus Michael Morpurgo	Place Value Decimals Addition Subtraction	Sound, vibration, pitch Poetry involved in planning Make a musical Instrument Measures	To code - variables and lists	<i>Geog-Comparative study</i> <i>Human Geog</i> Settlements Sp Fieldwork UK Similarities/ Differences
Spring 2		Create Anglo Saxon Village	Battle and Banquet Saxons Beowulf style Banquet?	Narrative - Legends Sp (Anthony Masters) Poetry - Free verse Poet focus - Catullus	Data handling Measures	Teeth - Dissolving egg. Fact file Instructions - how to brush your teeth (Big Write) <i>Time, volume.</i>	To connect - To understand online services (searching and collecting information)	Britain's settlement by Saxons Saxons/Vikings struggle for Britain
Summer 1	Food Glorious Food	Can't cook, won't cook, don't eat Food exploration experience Sp Tesco Visit Shared Breakfast - served Shared lunch - cooked by children	Ready steady cook Competition Invite parents in for afternoon tea.	Non-Fiction - Instructions/recipe writing C Sp Visual Poetry (Food Poem) Onomatopoeia poetry - performance Focussed author - Dick King-Smith	Pizza Please! (fractions) Smoothie making (volume) Fractions Measurement Decimals Geometry	Digestive system Writing in role as a piece of food to explain what happens as it passes through system <i>Weight, fractions - pizza, link with healthy food, chopping fractions.</i>	To communicate - publication on topic	<i>Human Geog</i> Food sources/ fair trade Maps/Atlases Theme - Food throughout the ages

Summer 2	Iron Man by Ted Hughes	Robot Wars Build and Battle (Cambridge University link?)		Non-Fiction Recounts - Newspapers Narrative Science Fiction Iron Man Sp	Problem solving Addition Subtraction Multiplication Division	Electricity, Circuits, conductivity Data	To code - Control (DT link)	
	Art and design	Design Technology	Religious education	P.E	Visits and visitors.	Extended homework project	PSHE	
Autumn 1 Fenland	Painting Landscape Painting Mix Colours WaterColour for background Create mood with colour Use photos taken at Wicken Fen	Mechanics Transfer of forces for a mechanism for a product (lever, pulley, winding, gear) <i>Windmill</i>	Worshipping and Celebrating in the home, puja and Dial Hinduism Sp M S C	OAA - NFC Games - Invasion Games - NFC	Wicken Fen Sp M S C	Make a bug catcher etc Detailed drawing Fact file	Beginning and Belonging 3/4 Sp M S C	
Autumn 2 Mountain high Valley Low	Textiles Shape & Stitch Materials Quilt, Pad & Gather Fabric Cross & Back Stitch	Materials Cut accurately Measure/mark to nearest mm Appropriate joining techniques Apply appropriate cutting/shaping techniques	Living as a Christian, bible and prayer Christianity Sp M S C	OAA - NFC Games - Invasion Games - NFC	Graffham, Burwell Sp M S C	Mountain top trumps	Anti bullying 3/4 M S Safety contexts 3/4	
Spring 1 Settlements	Drawing Sketch Lightly Shading Hatching/Cross Hatching Range of Materials (e.g. charcoal)	Construction Choose suitable materials to construct or repair items Strengthen materials using suitable techniques Weaving	Journey to the promised land Judasim Sp M S C	Gym - Principles of Balance (CCC) Dance - Cold Places (CCC) S	West Stowe (end on half term, in preparation for spring 2) Sp M S C		Working Together S 3/4 Friends and family 3/4 Sp M S C	
Spring 2 Saxons	Printing Make Printing Blocks Repeating Patterns Patterns observed in natural or built environments - Celtic Knots	Textiles Seam allowance Appropriate stitching Appropriate techniques to decorate	The Local Anglican Parish Church Christianity Sp M S C	Gym - PER Games - Ball on the ground (CCC)			My Emotions Sp 3/4	
Summer 1 Food glorious food	Collage Coiling, Overlapping, Tessellation and Montage Artist Arcimoldo - fruit collages	Food Hygiene Measure to nearest gram Follow savoury recipe Assemble/Cook Location of food growth in seasons Sp S C	The Mosque and Prayer Islam Sp M S C	Athletics S Striking and fielding - Rounders S	Supermarket Sp C Visit from a local chef/school cook Sp C		Financial Capability 3/4 Sp M S C	

<p>Summer 2 Iron Man</p>	<p>Sculpture Iron Man Sculpture Clay Add materials to provide interesting detail</p>	<p>Electricals <i>Robotic model</i> Create series and parallel circuits Make own Iron Man using circuit for flashing eyes?</p>	<p>Guru Nanak, Guru Gobind Singh and the Khalsa Sikhism Sp M S C</p>	<p>Athletics S OOA S</p>	<p>Cambridge University students - engineering/robotics Sp</p>	<p>Design your own super robot.</p>	<p>Managing change 3/4 Sp M S C Sex and relationships 3/4 Sp M S C</p>
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