



Orchard Park Community Primary School Long Term Planning Overview - Year 6

		Literacy	Numeracy	Science	History	Geography	
Autumn	1	Topic: Extreme Earth	The Unforgotten Coat	Place Value Addition, Subtraction, Multiplication and Division	Electricity Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches Use recognised symbols when representing a simple circuit in a diagram.	Skills & Fieldwork Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies. Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world Physical Geography Including: climate zones, volcanoes and earthquakes	
		Super Start: WOW Disaster Day	Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
		Fantastic Finish: Polar Scott Museum	Textiles Focus on 'The Wave' painting by Hokusai and recreate using batik and dying material. Mechanics Design and create a volcano erupting/tsunami using a cam mechanism	RE Islam The five pillars of Islam PSHE Rights, rules and responsibilities	Games <i>Football</i> Dance	e-Safety I am kind and responsible Sell My School My Non-Linear Presentation	Scott Polar Museum
		Homework Project: Artwork based on natural disasters Create a survival guide/pack for overcoming a natural disaster					
	2	Topic: Darwin's Delights	Literacy	Numeracy	Science	History	Geography
		Super Start: Local zoo to come in and do a talk on endangered animals/bring animals	Can we save the Tiger?	Fractions Decimals	Evolution and Inheritance Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution		
		Fantastic Finish: Natural History Museum	Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
		Homework Project: Research an endangered animal (why/where/who?) Poster/Presentation to promote awareness Make model/Paint picture of animal	Printing Lino stencil printing of tiger Print onto different surfaces (coloured paper/textured paper etc.) Collage Create a collage based on a tiger Choosing appropriate coloured/textured materials to build together to build up background initially and then tiger on top	RE Sikhism Sacred to Sikhism PSHE Anti-Bullying	Games <i>Hockey Coach</i> Gym <i>Floor Work</i>	e-Safety I am kind and responsible Test My Topic with Scratch My Rights to the Internet	Museum of Zoology Camb. Utd / Care Home Link



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Spring	1	Topic: Marvellous Mayans					
		Super Start: Mayan WOW day activities, including printing	SATS REVISION / POETRY	Position and Direction Converting Units Algebra	Living Things and their Habitats <small>describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals □ give reasons for classifying plants and animals based on specific characteristics.</small>	Non-European society that provides contrasts with British history <small>Mayan Civilisation</small>	Human Geography <small>including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water</small> Skills & Fieldwork <small>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</small>
		Fantastic Finish: Archaeology and Anthropology Museum Draw from observation	Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
	Homework Project: See attached document below	3D Form <small>Clay Mayan mask Study 3D work from a variety of genres and cultures to develop their own response through models</small> Printing <small>Part of WOW Day Activities</small>	RE Judaism <small>The Jewish Home</small> PSHE Personal Safety	Games <i>Tag Rugby</i> Gym <i>Apparatus</i>	e-Safety I am safe Move My Information Using My Information	Museum of Archaeology and Anthropology	
	2	Topic: Extraordinary Egypt					
		Super Start: Dress Up Day Research, design and create a Shadoof Egyptian Food (Make Egyptian Flatbread, rice-stuffed vegetables etc.)	3 Little Pigs Project	Perimeter, Area and Volume Ratio Statistics	Light <small>recognise that light appears to travel in straight lines □ use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye □ explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes □ use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</small>	The Achievements of the Earliest Civilizations <small>An overview of where and when the first civilizations appeared and a depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China</small>	Human Geography <small>including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water</small> Skills & Fieldwork <small>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</small>
Fantastic Finish: Fitzwilliam museum Draw from observation		Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors	
Homework Project: See attached document below	Printing <small>Look at different Egyptian patterns Create own pattern Design a print with stencil Make papyrus paper/Cut into pages Bind a book using the printed piece for the cover</small>	RE Christianity <small>Holy Week - The last week of Jesus' life</small> PSHE Personal Safety	Games <i>Netball</i> Archery	e-Safety I am safe My Minecraft Story Sharing My Knowledge	Fitzwilliam Museum		



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Summer	1	Topic: The Renaissance	Romeo and Juliet	Properties of Shapes Revision of Topics	Animals, inc. Humans <small>identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood * recognise the 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.</small>		Place Knowledge <small>Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America</small>
		Super Start: WOW Dance day (DancEd)					
		Fantastic Finish: Drama based production in small groups for other classes to watch based on Shakespeare	Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
		Homework Project: Research famous artists and philosophers, clothing and fashion, inventions	Painting <small>Children to pair up and take turns at drawing portraits of each other. Study a range of paintings including The Mona Lisa Create own Mona Lisa in a different style, to show the effect of light and colour, texture and tone. Show good understanding of light and tone.</small>	RE Living as a Buddhist <small>devotional practices and the middle way</small>	Games <i>Rounders</i>	e-Safety I am healthy	The Victoria and Albert museum London / musical concert in Cambridge? Romeo and Juliet?
			PSHE Safety Context Managing Risk	DancEd - Renaissance Whole Day	My Topic Model Checking Out My Websites		
		2	Topic: Vive la France!	The Invention of Hugo Cabret	Problem Solving Investigations Maths in the Wider World	Working Scientifically (completed throughout year also)	Place Knowledge <small>Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America</small>
Super Start: French Restaurant							
Fantastic Finish: Trip to Paris?!	Art / D&T		RE & PSHE	PE	Computing	Visits & Visitors	
Homework Project: Travel guide to France, including key attractions Create a model of the Eiffel Tower Rehearse an oral presentation to present to the class	Food <small>Separate to Super Start Investigate bread, ingredients for different types, designs of bread and baking. Make range of different styles of bread including the aesthetics (plaited/round etc.) and evaluate</small>		RE Hinduism <small>Death, reincarnation and sacred places -</small>	Athletics Games <i>Tennis</i>	e-Safety I am healthy	Paris?! Kingswood	
		PSHE Managing Changes Sex & Relationships Education		Answer My Questions Open Ended Challenge			