



## 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  Science Plotting decimals - Light sensor/decibels	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 <b>Physical Geography</b> 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 <small>Focus on 'The Wave' painting by Hokusai and recreate using batik and dying material.</small>	RE Stories of faith <small>Gospels - what do they tell us? Why are they different?</small>	Games <i>Football</i>	e-Safety I am kind and responsible	Scott Polar Museum
		Homework Project: Artwork based on natural disasters Create a survival guide/pack for overcoming a natural disaster	Mechanics <small>Design and create a volcano erupting/tsunami using a cam mechanism</small>	PSHE Rights, rules and responsibilities	Dance	Sell My School  My Non-Linear Presentation	
	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  Science Fractions - inheritance Pie Charts - Endangered animals	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 <small>Lino stencil printing of tiger Print onto different surfaces (coloured paper/textured paper etc.)</small>  Collage <small>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</small>	RE Humanism  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  Science Line graphs - heart rate	Living Things and their Habitats  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.	Non-European society that provides contrasts with British history  Mayan Civilisation	Human Geography  including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water  Skills & Fieldwork  Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
		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 Clay Mayan mask Study 3D work from a variety of genres and cultures to develop their own response through models Printing Part of WOW Day Activities	RE What does it mean to be Christian?  Own ideas and thought, impact of Christianity. Revisit different denominations. What are the differences?  PSHE Personal Safety	Games Tag Rugby  Gym Apparatus	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  Science Creating and interpreting scatter graphs	Light  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.	The Achievements of the Earliest Civilizations  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	Human Geography  including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water  Skills & Fieldwork  Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
		Fantastic Finish: Fitzwilliam museum Draw from observation	Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
		Homework Project: See attached document below	Printing 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	RE What is Buddhism?  8 Paths, Siddhartha, Buddhism around the world. Thoughts could I be a Buddhist  PSHE Personal Safety	Games Netball  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  Science Interpreting classification tables, Venn and Carroll diagrams.	Animals, inc. Humans 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.		Place Knowledge 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
		Super Start: WOW Dance day (DancEd)	Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
		Fantastic Finish: Drama based production in small groups for other classes to watch based on Shakespeare	Painting 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.	RE What happens when we die? Look at different beliefs and what religions say. Hinduism - reincarnation, Buddhism - rebirth. Look at stories linked to it. What do other religions believe? Own beliefs.  PSHE Safety Context Managing Risk	Games Rounders	e-Safety I am healthy	The Victoria and Albert museum London / musical concert in Cambridge? Romeo and Juliet?
		Homework Project: Research famous artists and philosophers, clothing and fashion, inventions			DancEd - Renaissance Whole Day	My Topic Model  Checking Out My Websites	
	2	Topic: Vive la France!	Literacy	Numeracy	Science	History	Geography
		Super Start: French Restaurant	The Invention of Hugo Cabret	Problem Solving Investigations Maths in the Wider World  Science Fractions, Negative numbers, Pie Charts, Converting percentages, decimals, fractions. All types of graph.	Working Scientifically (completed throughout year also)		Place Knowledge 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
		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 <i>Separate to Super Start</i> 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	RE People of Faith, courage and commitment. Use examples of real living examples from different faiths e.g. Bear Grylls, Mo Farrah-  PSHE - Managing Changes Sex & Relationships Education	Athletics  Games Tennis	e-Safety I am healthy  Answer My Questions  Open Ended Challenge	Paris / Kingswood

## Art Inspiration

### Autumn 1



### Autumn 2



### Spring 1



### Spring 2



Egyptian pattern printing for book cover



Summer 1



Possible Mayan Homework Projects

Thinking skill	Task
<p style="text-align: center;"><b><u>Remember</u></b></p> <p>Factual answers, recall and recognition</p>	<ul style="list-style-type: none"> <li>• Find out 10 facts about the Mayans and present it using a method of your choice</li> <li>• Draw and label a picture of a piece of Mayan architecture</li> <li>• Write a list of jobs that the Mayan people had</li> <li>• Recall 7 differences between the lives of people in Mayan times and the way you live today.</li> </ul>
<p style="text-align: center;"><b><u>Understood</u></b></p> <p>Translating, Interpreting, Showing ,Understand</p>	<ul style="list-style-type: none"> <li>• Find 3 different images of Mayan people or artefacts and tell me what you can learn about them from each image.</li> <li>• Find out any 10 facts about the Mayan era and order them in a timeline according to date.</li> <li>• Explain why the sky and the water were so important to the Mayan people</li> <li>• Describe the conditions that either poor <u>or</u> rich people lived in during the Mayan period.</li> </ul>
<p style="text-align: center;"><b><u>Apply</u></b></p> <p>Using different information gained in different situations</p>	<ul style="list-style-type: none"> <li>• Make your own maths calculation using the Mayan number system. We will use it during our maths starter to see if anyone can crack the code!</li> <li>• Re-write a Mayan legend in your own words (remember to include the title of the legend).</li> <li>• Draw a picture of a Mayan artefact, labelling it and describing its purpose</li> <li>• Compare the similarities and differences between the beliefs of the Mayan people and the beliefs of Christian people</li> <li>• Devise a quiz about the Mayan civilisation based on what you have learnt at home and in class. Miss Morgan will have a go at answering the questions!</li> </ul>
<p style="text-align: center;"><b><u>Analyse</u></b></p> <p>Break into parts to examine more closely</p>	<ul style="list-style-type: none"> <li>• Explain the impact that the invasion of the Spanish had on Mayan society</li> <li>• Explain how Maya today is similar or different to Ancient Maya</li> <li>• Research the jobs that Mayan people did. Which job would you have chosen to do and why?</li> <li>• Research the types of clothing the Ancient Mayans wore and compare it to the clothes that we wear today</li> </ul>
<p style="text-align: center;"><b><u>Create</u></b></p> <p>Combine information to create new products and ideas</p>	<ul style="list-style-type: none"> <li>• Create a piece of Mayan clothing</li> <li>• Create an image of yourself as a child living in Ancient Maya</li> <li>• Write a message using hieroglyphics - the picture writing used by Ancient Mayans</li> <li>• Create your own Mayan sculpture</li> </ul>
<p style="text-align: center;"><b><u>Evaluate</u></b></p> <p>Judge, use criteria, rank substantiate</p>	<ul style="list-style-type: none"> <li>• Write a persuasive letter to your local Victorian factory owner trying to persuade him to make working conditions better.</li> <li>• Look at the Mayan gods and choose the one that you think is most important, explaining why.</li> <li>• Was the Spanish invasion a positive or a negative thing for the Mayan civilisation? Explain your reasons.</li> <li>• Compare life in modern Maya to life in Liverpool. Explain which place you would like to live and why.</li> </ul>

# Project – Ancient Egypt !

Over this final term, as homework linked to our topic, I would like you to complete a project on Ancient Egypt this you will present to the class at the end of the summer term, ( WC 25<sup>th</sup> June) in our Geography, RS and History lessons.

You may want to present your project in a variety of ways, including; video, PowerPoint, drama, dance and music etc Consider the following to help you with your presentation :-

Create a travel plan of how your would get to The Valley of The Kings from your house ! Detail how much it may cost and how long it would take!

Sew, print or design something from Ancient Egypt times (e.g. clothing, jewellery)

Create a collage of pictures or photos from Egypt to show and talk through to the class of famous sites you may have visited or would like to.

Build your own junk model of an aspect of Ancient Egypt to present to the class (e.g. Pyramids, tombs, mummy )

Create a PowerPoint or a booklet about a famous aspect of Ancient Egypt of your choice e.g. Howard, Carter, Nile river, Tutankhamun

Plan, learn and perform a song/play/ dance about the discovery of The Valley of the Kings

Create a tourist guide for people about to visit Egypt this summer and use persuasive and informative language

Draw and present a picture or piece of Art on Ancient Egypt

Could you interview someone who has visited the sites of Ancient Egypt ? (e.g. family friend or relative) Then present this to the class

Write a poem or newspaper report using Howard Carter and Tutankhamen as the theme.

Make a short film of you working on your Project as a video diary

*If you think of something different to those which are listed, then check with me and you could do that instead!*

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