

Wider Curriculum Home Learning Matrix

Year 5 Summer Term: **Life on Earth**

	Create	Investigate	Explain	Perform
Science and Computing	Find out some information about any plant. It could be a flower, climbing plant, tree, house plant etc... Create a mind map or fact file about this plant.	Grow a plant from seed. You could grow cress, broad beans, an avocado plant from an avocado stone or even take a cutting from a plant such as a geranium and watch it grow.	Observe what is happening. Water your plant regularly.	Take a phot of your plant each week. How has it changed? Bring your plant into school when it is fully grown.

Time and Place	<p>Create a cartoon strip to show how arches, stacks and stumps are formed. These are some of the coastal features that you may find at the seaside. Find out where in Great Britain you can see these. For example, The Needles on the Isle of Wight are stacks and Durdle Door in Dorset is an arch.</p>	<p>Find out some information about any river in Great Britain and turn what you have found out into an information leaflet. What is the river called? Where does the river start and finish? What part of Great Britain does it travel through? Does it have an estuary or a delta when it flows into the sea at the end of its journey? What wild life could you find living in and around the river?</p>	<p>Design a poster advertising why people should visit a particular seaside place or town. What can you see and do there? What are the main attractions?</p>	<p>Talk with your family about trips to the seaside that you have done with your friends and family. What coastal features do you think you might have seen and where?</p>
Design and the Arts	<p>Georges Seurat and Paul Signac developed Pointillism in 1886. It is a technique of painting using small dots. I would like you to draw or paint a picture of something in nature, for example a country landscape, flower, plant, trees etc... using Pointillism. Look up some of these painters and their work online for inspiration.</p>	<p>Look at some of the artwork created during the first half of the 20th century. What other painting techniques were developed?</p>	<p>Why do you think artists wanted to paint in different ways? Why do you think they wanted change?</p>	<p>Is there a particular painting technique or style that you really like? Talk to a member of your family about your reasons for this.</p>

Religion and Values	<p>Using the internet to find some images of prayer mats. What themes and patterns can you spot?</p>	<p>Create your own prayer mat based on the designs that you have found.</p>	<p>Can you explain what common themes you have spotted in the designs? For example, flowers, pictures of a Mosque. Why are there no images of Allah?</p>	<p>See if you can hear on YouTube the call to the prayer from a mosque (a special place where Muslim go to worship)</p> <p>Do you have any friends who are Muslims? If so, ask them whether they have a prayer mat and what their prayer mat looks like.</p>

Sport Exercise and Health	Create a ball game to play with your family. Your game could be based on ball games that we play during our PE lessons such as basketball, netball, benchball, dodgeball and football. Make up your own rules. Remember to include a lot of running as it is important that your game will keep us fit!	Think of the different ways a ball can travel from one person to another. For example, a throw, a bounce, a kick, a dribble etc...	Design a diagram with captions to explain your ball game.	Play your ball game! How can it be improved? We might try it out and play it in our PE lesson!