

Wider Curriculum Home Learning Matrix: Chestnut Class

Spring term

	Create	Investigate	Explain	Perform
Science and Computing	Make a poster of the arrangement of particles in solids, liquids and gases. The BBC Bitesize website is a really good source of information.	Measure out some water in a jug. Then with an adult's help, boil it in the kettle. Measure it again once it is cool. What has happened?	Produce a piece of scientific writing to explain the process of a reversible change and an irreversible change.	Use members of your family to act out the particle formation of 1) a solid, 2) a liquid and 3) a gas
Time and Place	Invent your own rainforest creature thinking about the habitat they would live in. Explain why you have chosen to give it its features.	Find out about a rainforest conservation project. The Daintree Rainforest in Australia is an example. List some of the actions they are taking to preserve the forest.	Create a mind map of the threats to the environment caused by deforestation.	Plan and perform a speech to convince your family that we need to protect rainforests. Think about the persuasive techniques we have studied and the facts you have researched.
Design and the Arts	Go for a walk with a grown up. See what natural objects you can collect to create some artwork. You could make the artwork outside or bring the things back home to complete it.	Research the artist Henri Rousseau who depicts jungle scenes in many of his paintings. Make a fact file and try copying one of his paintings.	Produce a labelled diagram of the different layers of a rainforest and see if you can include the animals who might live in them.	Listen to rainforest music. This could be a song about deforestation or a recording of the sounds of the forest. See if you can recreate some of these sounds or even write your own song!
Religion and Values	Create a storyboard to retell the story of the healing of the leper as told in Mark 1: 40-44	Investigate the work of LEPRO to understand the impact of leprosy and the action that is being taken by this organisation	Read the story of the Good Samaritan Luke 10: 25-37 and explain what it means to be a neighbour. What is a good neighbour?	Research other parables - Matthew is a good place to find many of these stories. Make some small simple stick puppets to retell them.
Sport Exercise and Health	Create a sequence made up of at least 5 sets of different exercises - you could include star jumps, squats, using an invisible skipping rope among other things.	See if you can measure your pulse rate. Then do 2 minutes of vigorous exercise and test it again. Record it. Get the rest of your family to do it and try putting the results into a graph.	What happens to your body when you exercise? Create a poster to explain all the benefits	Perform your exercise sequence for members of your family and then get them to join in with you!
Outdoor Learning	Find a map of your local area. Plan a circular route that starts and finishes at your house. Follow the route with a grown up and time how long it takes you.	Research 4 different native trees. What are the features of each one? See if you can identify any of them on your next walk.	When you are out for a walk, make notes about the key natural features you encounter. Explain why and how the landscape would look at a different time of year (summer or winter)	Write and perform a poem about some of the sights and sounds you encountered on the walk you planned.

