

Wider Curriculum Home Learning Matrix: Terms 1 and 2

	Create	Investigate	Explain	Perform
Science and Computing	Create a poster (or even a model) to show the structure of the human inner ear and how it works.	Go on a sound walk near your home and record all the different sounds you hear in a 10 minute span. Consider the types of sounds. Are they: loud, soft, mechanical, natural, repeating, one off? You could also repeat this at a different time of day and compare your findings.	Use Purple Mash to complete the writing project on electrical safety. You can find this in the Science section under Writing Projects and Electrical Safety.	https://www.bbc.co.uk/bitesize/topics/zgffr82/articles/z3j3jty https://www.bbc.co.uk/bitesize/topics/zgffr82/articles/zqtdpbk Watch these clips from BBC Bitesize about pitch and volume. Find some objects in your house and use them to compose a soundscape of varying pitch and volume
Time and Place	Research Roman food and drink. Use this, and other research if you choose, to create a Roman menu. These websites are useful: Historyforkids.net Primary Homework Help You also watch this clip from BBC Bitesize: https://www.bbc.co.uk/bitesize/clips/ztvb4wx	Consider the Iceni Warrior Boudicca. Do some research to consider the following: <i>Why should we remember Boudicca? Was she a hero or a villain? Have a look at some of the images of her, including the statue in Westminster. What does she look like? How is she shown? How do we know what she looked like? Why do you think she is shown the way she is? Why do you think Boudicca rebelled against the Romans?</i> You could produce a poster to reflect whether you think she was a hero or a villain!	Explain the myth of Romulus and Remus and the foundation of Rome. You can do this in writing or in a comic book style. You can find various retellings of it on YouTube if you want to refresh your memory.	Challenge yourself to see how many European countries and their capitals you can name. Get someone to time you and then challenge them to beat your score!
Design and the Arts	From your work on investigation, have a go at creating your own catapult based on a Roman design.	Find out about Roman catapults and plan how you can make your own. You can then test it to see how far your missile travels.	Explain your choice of materials and the design you found to be the best. What worked well? What challenges did you face?	As we are learning ukulele in class, see if you can recreate tunes we are playing. You do not need your own ukulele for

	You could use lolly sticks, wooden spoons, elastic bands and pegs. Consider how you are going to join them and how to create a stable design. You can photograph or draw your model.	Could you make alterations to your design to improve the projection?	How did you respond to the challenges? What changes did you make to your design?	this. You could use your voice or clap out the rhythms. Present this to your family!
Religion and Values	Create a collage. Split your paper in half and have one side showing wow factors in creation and one side showing 'wow' factors from the human made world (things that represent human ingenuity).	The creation story in Genesis leads us to think about how we might care for our world. Investigate an organisation that campaigns for the protection of the natural world. You could look at: Greenpeace, The World Wildlife Fund, Christian Aid and the Rainforest Alliance.	Explain what the text of Genesis says about the creations of each day. Can you remember what happened on each of the 6 days and then the 7 th ?	Using your work from the Explain section, try writing and performing a poem about the days of creation, according to Genesis
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	Go for a walk and see how many different leaves you can find of different shapes and colours. Create a piece of autumnal collage using what you find.	Investigate which birds migrate in the winter. This blog post on the Woodland Trust website is very useful: https://www.woodlandtrust.org.uk/blog/2018/05/migratory-birds/	Think about going foraging for edible things from nature. You need to be very careful and responsible doing this and never eat anything you are unsure of. Create a poster to explain what you can look out for over the months of the year. This post from the Woodland Trust is a good place to start! https://www.woodlandtrust.org.uk/visiting-woods/things-to-do/foraging/	Present your poster to your family before you go out on a foraging walk!