

## Maple Class

### Wider Curriculum Home Learning Matrix: Terms 1 and 2

	Create	Investigate	Explain	Perform
Science and Computing	<p>Create a poster listing different types of rock. Identify which are man-made and which are natural. You might like to include concrete, slate, limestone and chalk for example, but you will probably be able to think of many more.</p> <p>On your poster draw these rocks, with colour if possible, and state/show what the rocks could be used for.</p>	<p>Go for a walk in your local area and see if you can identify where different rocks have been used to construct buildings and structures. Are all buildings constructed using the same materials?</p> <p>Which rocks could be used to make a house? Could you use different rocks to make a house colourful?</p> <p>Draw and label your house to show which rocks you could use.</p>	<p>Use Purple Mash to complete the writing project on fossil facts. You can find this in the Science section under Writing Projects. I have also set it as a 2Do, so you can also find it in your list of 2Dos.</p>	<p>Make a 'pairs' game with rocks and their properties.</p> <p>Challenge a family member or friend to play this with you and see who gets the most 'pairs'.</p> <p>An example of a 'pairs' game can be found here (this one uses numbers but the game can use any equivalent facts):</p> <p><a href="https://nrich.maths.org/1257">https://nrich.maths.org/1257</a></p>
Time and Place	<p>Research stone age food and drink. Use this, and other ideas you may have (consider what might have been available!), to create a stone age menu.</p> <p>These links might be useful:</p> <p><a href="https://www.history.com/topics/pre-history/stone-age#:~:text=Stone%20Age%20food%20varied%20over,%2C%20vegetables%2C%20seeds%20and%20nuts.">https://www.history.com/topics/pre-history/stone-age#:~:text=Stone%20Age%20food%20varied%20over,%2C%20vegetables%2C%20seeds%20and%20nuts.</a></p> <p><a href="https://www.youtube.com/watch?v=cE6OeRZB_Wc">https://www.youtube.com/watch?v=cE6OeRZB_Wc</a></p>	<p>Think about the type of clothes worn during the stone age period.</p> <p><i>What would these clothes have been made of?</i></p> <p><i>How would they have been made?</i></p> <p><i>How would the clothes have been washed?</i></p> <p>Create a leaflet to 'advertise the clothes, detailing their properties and care instructions!</p>	<p>Complete the 'Stages of fossilisation' writing project on Purple Mash. You can find this in the Science section under Writing Projects. I have also set it as a 2Do, so you can also find it in your list of 2Dos.</p>	<p>Create finger puppets, shadow puppets or even wooden spoon puppets and perform a puppet show to your friends or family.</p> <p>Use what you have discovered about stone age clothing and food, to create a story line for your puppet show.</p> <p>If you can record it, that would be great, or ask your audience to write a simple review of your show.</p>

Design and the Arts	Design an iron age shield, using recycled materials. How can you make this as realistic as possible?	Investigate alternative materials you might have used if you had been able to buy supplies to create your shield.	Explain your choice of materials for both the recycled shield and the one you would have made!  Looking at you shield you made:  <i>What worked well?</i> <i>What challenges did you face?</i> <i>How did you respond to the challenges?</i> <i>What changes could you have made to your design if you made it again?</i>	Imagine you are a journalist, interviewing an iron age warrior.  <i>What questions would you ask?</i> <i>Could you ask about shields?</i> <i>Maybe ask the warrior where he lives and who he lives with?</i>  You might be able to persuade someone to be the warrior, so that you can do the interview with them.
Religion and Values	Create a poster which is advertising for animals to join Noah on the ark. Try to use your poster to show why Noah was looking for animals to join him and why he had built the ark.	Investigate how churches help the local community – for example food banks. Choose one of the services churches offer and create a leaflet, which details the service and how it shows that the people of God are showing their love for God and for all people.	In class we will be considering different types of covenants/promises. Design a document which explains and details a promise you could make. Will the document have special writing or pictures to explain the promise in even more detail?	Using your work about Noah, try writing and performing a poem about the animals and how they were feeling when they went onto the ark.
Sport Exercise and Health	Create a sequence made up of at least 4 sets of different exercises - you could include star jumps, squats or using an invisible skipping.	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 if you can find some different sized and coloured sticks. Create a piece of autumnal collage using what you find – can you use something else as a background to your collage? (The roots of a tree or grass for example).	Investigate materials you might find in your local park/woods to see if you can find anything suitable for making a shelter. Why would these materials be useful and how could they be used to make a shelter waterproof? Consider the properties of these materials – what would help to make them waterproof?	Make a map of the area to show where these materials can be found. How could your map make it easier for someone to find the materials?	Present your map to a friend or family member.  Do they think your map is useful?  Ask them how you could improve your map to make it easier to follow.

