

## KS2 Homework Menu



### Topic: Raging Rivers


Please choose one activity from each column and then one more of your choice to total 6 pieces of homework by Christmas.

Homework will be collected in the week beginning 13.12.21 and returned after the holidays.

Thank you to parents/carers for your continued help and support with work sent home.



A English	B Maths	C Science	D Art/DT	E topic
<p>Find a river poem and bring in a decorated copy to put in our reading corner. In your homework book, explain why you chose it.</p> <p><b>L.O. To increase your familiarity with a range of poetry.</b></p> <ul style="list-style-type: none"> <li>• Research famous poems about or inspired by rivers.</li> <li>• Explain why you liked it.</li> <li>• Give examples from the text.</li> <li>• <b>COULD:</b> Read your poem aloud to the class.</li> </ul>	<p>Break it Up! - A maths investigation:</p> <p><b>LO reason mathematically by following a line of enquiry,</b></p> <p>You have a stick of 7 interlocking cubes.</p>  <p>You cannot change the order of the cubes.</p> <p>You break off a bit of it leaving it in two pieces.</p> <p>Here are 2 of the ways in which you can do it:</p> 	<p>Make a word search of different words connected to our states of matter topic. Try to include the words; solid, liquid, gas, condensation, evaporation and temperature.</p> <p><b>L.O. To demonstrate an understanding of scientific vocabulary.</b></p> <ul style="list-style-type: none"> <li>• Make sure you spell your words accurately.</li> <li>• Check the meaning of any words you don't understand</li> </ul>	<p>Create a picture of a river based on a famous work of art.</p> <p><b>L.O. To develop your knowledge of important artists.</b></p> <p>Decide how you will adapt your chosen work of art to be about rivers.</p> <p>Choose and use an appropriate art technique.</p> <p>Don't forget to tell me which famous art work you used!</p>	<p>Draw a cross section of a river and label the parts you know.</p> <p><b>LO To name the parts of a river</b></p> <p>Find out what the parts of a river are called which you didn't know. Add them to your diagram.</p> <p>Find out about what sort of wildlife survives in a river. Can a crocodile survive in a water? Can any fish live in any river? Why/not?</p> <p>Find out about plants that you may find in and around a river. Add them to your diagram.</p>

<p>Write a newspaper report about a real or imaginary flood. It can be this country or abroad. Remember to make up a short punchy headline and you can include pictures and made up quotes too.</p> <p><b>LO: to write a newspaper story using sensational language.</b></p>	<p>In how many different ways can it be done? Now try with a stick of 8 cubes and a stick of 6 cubes:</p>  <p>Make a table of your results:</p> <p><b>LO: to make generalisations, and developing an argument, justification or proof using mathematical language</b></p> <p>Now predict how many ways there will be with 5 cubes. Were you right? How many ways with 20 cubes? 50 cubes? 100 cubes? ANY number of cubes? ***** ***</p> <p>If all the cubes are the same colour, a split of 4 and 2 will look the same as a split of 2 and 4. How many ways are there of splitting 6 cubes now?</p>	<p>Make a cooking experiment at home that involves a change of state. This could be simply making jelly and turning a solid into a liquid and then back in to a solid, or it could involve melting chocolate from a solid to a liquid to make something yummy. Write down what you did like a science experiment, including an <b>introduction</b> (what you are trying to do), a <b>prediction</b> (what do you think is going to happen) a <b>method</b> (what you did) , <b>results</b> (what happened) and maybe even a <b>conclusion</b> (so did your prediction prove to be correct)</p> <p><b>LO: I can make a simple science experiment and write it up accurately.</b></p>	<p>Canals are like man-made rivers and exist all over our country. Find out about canals and create a model of a canal, a canal boat or a lock.</p> <p><b>L.O. To demonstrate an understanding of design and technology methods.</b></p> <ul style="list-style-type: none"> <li>• Research canals.</li> <li>• Design your model.</li> <li>• Create your model.</li> <li>• Choose appropriate materials and techniques to build it.</li> <li>• Decorate your model.</li> <li>• Include an information card explaining all about what you have made.</li> <li>• <b>COULD:</b> Include moving parts!</li> </ul>	<p>Find out all you can about Victorian Frost Fairs.</p> <p>Create a leaflet that explains to others what they were, when they happened, why they happened, who was involved?</p> <p><b>LO to gain an historical perspective by placing their growing knowledge into different contexts, understanding the connections between local, regional, national and international history;</b></p>
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