

## Year 4 Homework

<u>English and Art</u>	<u>Maths</u>	<u>Cross-curricular</u>																									
<p>Find a copy of the picture 'The Last Supper' by Leonardo da Vinci on the internet. Imagine that you are one of the disciples at the supper or a serving person at the supper. Write a diary entry for that day.</p>	<p>Find out about the famous Greek mathematician Pythagoras. Design a poster showing his ideas.</p>	<p>Find an artist you like. Show a selection of their works and explain what you like about them (e.g. the media used to create the artwork, the image shown, the colours etc.)</p> <p>You might also want to consider creating your own work of art in this style.</p>																									
<p>Watch some of the cartoons involving Miraitowa and Someity – The Tokyo Mascots  <a href="https://tokyo2020.org/en/special/mascot/">https://tokyo2020.org/en/special/mascot/</a> .            Write your own story involving the two characters.</p>	<p>Calculate the distances between St Albans and different capital cities in Europe. Compare distances on a chart or graph. Which is the nearest/furthest city?</p>	<p>Design a short exercise program for children that can be done in the house.</p>																									
<p>Create a word puzzle, similar to the one below, using a 5 letter word. Write instructions (like below) and show the solution as well.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <table style="border-collapse: collapse; text-align: center;"> <tr><td>B</td><td>R</td><td>A</td><td>V</td><td>E</td></tr> <tr><td></td><td>ε</td><td>B</td><td>R</td><td></td></tr> <tr><td></td><td></td><td>V</td><td></td><td>B</td></tr> <tr><td></td><td>B</td><td>R</td><td></td><td></td></tr> <tr><td></td><td></td><td>ε</td><td>B</td><td></td></tr> </table> </div> <p><b>Example:</b>            This square has eleven letters missing, which you have to replace.            Every row, column AND the main diagonals contain all the letters in the word "BRAVE".</p>	B	R	A	V	E		ε	B	R				V		B		B	R					ε	B		<p>Create a series of "What am I?" riddles by providing clues for a friend to guess, describing different 2D OR 2D and 3D shapes.</p> <p>E.g. "I have 3 vertices and 3 equal sides. What am I?"            Answer: An equilateral triangle.</p> <p>"I am round and have no corners. I look like a ball. What am I?"            Answer: A sphere.</p>	<p>Create a game which can be played by Junior School children to learn the French numbers 0-100.</p> <p>You might create a matching memory card game, a bingo game, a true/false game, a quiz or anything of your choosing.</p>
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<p><u>Science</u> <u>Changes of State.</u></p> <p>Research the melting points of different materials. Make a poster about this.</p> <p>Have a go at making plastic bag ice cream. <a href="https://www.bbcgoodfood.com/recipes/instant-vanilla-ice-cream">https://www.bbcgoodfood.com/recipes/instant-vanilla-ice-cream</a></p> <p>Think as a scientist – can you work out why the milk and cream is freezing? Write and illustrate a set of instructions to tell another child how to make ice cream this way.</p>	<p>Research a unit of measurement other than the metric system (e.g. furlongs, fathoms, cubits, hands, inches, etc.) and describe it.</p> <ul style="list-style-type: none"> <li>• Where did it come from?</li> <li>• What was it used for?</li> <li>• Is it still used today?</li> </ul>	<p>An alien has landed on Earth and wants to know about Easter and Pentecost!</p> <p>Write an explanation for them, which says what the meaning of Easter and Pentecost are.</p> <p>You may further explain your work by illustrating it.</p>
<p><u>Science</u> <u>Electricity</u></p> <p>Make a poster to warn children about common electrical dangers around the home.</p>	<p>Draw a poster by using reflection of shapes to create a pattern on a grid.</p> <p>Can you make:</p> <ul style="list-style-type: none"> <li>• A human face?</li> <li>• A unicorn?</li> <li>• An X-Wing fighter?</li> </ul> <p>Something else?</p>	<p><u>History Topic:</u></p> <p><u>Crime and Punishment</u></p> <p>Research the historical time, which is most interesting in terms of crime and punishment. Make a guide for children of your own age.</p>