

## Year 4 Lakeside Primary Learning Challenges

Maths	English	Science	History/Geography	Creative
<p>Play Kaboom! Write out the facts e.g. <math>3 \times 4</math> or <math>24 + 36</math> and make sure a few pieces of paper say Kaboom! Place all the cards face down and take turns to choose. If you choose a calculation and answer it correctly, you can keep the piece!</p>	<p>We've looked at newspaper reports for the escape of the Loch Ness Monster. Can you pick an event that has happened either in real life or a film/TV show and write a report?</p>	<p>Put an ice cube in a bowl. Sketch the ice cube and observe how it changes. Sketch it again in an hour and then at the end of the day. What did you notice?</p>	<p>You discover a time machine that will take you back to Ancient Greece!</p> <p><i>Where would you go? What would you see? What would you eat? Do you want to stay? Explain why.</i></p>	<p>Research work by the artist Georges Seurat He created artwork in the pointillist style. Look at his use of light and colour.</p> <p>Can you create a picture in this style?</p>
<p>Play one of these maths games each day from this website.</p> <p><a href="https://matr.org/blog/fun-maths-games-activities-for-kids/">https://matr.org/blog/fun-maths-games-activities-for-kids/</a></p> <p>All the instructions can be found on the site.</p>	<p>Find the definition of these words. Can you use them in a sentence?</p> <p>Dismay, surged, jeering, enrage, quivering, rabble.</p>	<p>Have a look at this STEM learning and use some of the resources here. <a href="https://www.stem.org.uk/home-learning/primary#science">https://www.stem.org.uk/home-learning/primary#science</a></p>	<p>We were going to learn about the Ancient Greeks.</p> <p>Is there anything you want to find out?</p> <p>Find out more and present your learning in a poster.</p>	<p>Take a virtual tour of the National Gallery. <a href="https://www.nationalgallery.org.uk/visiting/virtual-tours">https://www.nationalgallery.org.uk/visiting/virtual-tours</a></p> <p>Which is your favourite painting and why? Find out more about the painting and artist.</p>
<p>Complete a shape hunt in your house. What 2D and 3D shapes can you find? What shape was the most common?</p>	<p>Write an alternative blurb for your favourite book.</p>	<p>Watch this fantastic video about 10 egg experiments you can try at home. <a href="https://www.youtube.com/watch?v=t4rKEfXFNd4">https://www.youtube.com/watch?v=t4rKEfXFNd4</a></p>	<p>Create a family tree showing any siblings, parents or carers, grandparents, aunts, uncles and cousins you have.</p>	<p>Do you have any unwanted items laying around? (boxes, paper, toilet rolls)</p> <p>Create a Greek building.</p>
<p>Let's get our times tables mastered! Play TT Rock stars and Numbots.</p>	<p>Copy out a piece of a story or poem in your best handwriting. Remember your leading lines, ascenders and descenders.</p>	<p>Look outside at night time. Can you see the moon? Draw a picture of what it looks like.</p> <p>Keep doing this for 1 week. What do you notice?</p>	<p>Recap over the water cycle.</p> <p>Create a poster explaining how it works.</p>	<p>Visit the 'Art for Kids Hub' YouTube channel. It is full of fantastic step by step instructions on how to draw brilliant pictures. <a href="https://www.youtube.com/user/ArtforKidsHub">https://www.youtube.com/user/ArtforKidsHub</a></p> <p>Choose one and have a go!</p>
<p>Create a robot using squares and rectangles. Can you calculate the area and perimeter of your robot?</p> <p>Can you make a robot pet using the same shapes? What is the area and perimeter?</p>	<p>Write a review of a film or TV show that you have watched this week. What happened? What did was your favourite part?</p>	<p>Design and set up an evaporation experiment.</p> <p><i>Fill a cup with water and put it near a window where it will be in the sun. Watch what happens!</i></p>	<p>Do you have any spare boxes laying around? (trainers or from shopping)</p> <p>Pick one continent and fill the box with as much information as you can about it. Countries, climate, wildlife, the possibilities are endless!</p>	<p>Get a mirror or a recent picture of yourself.</p> <p>Filling up a whole A4 piece of paper, carefully draw a self-portrait. Remember all the sketching and shading skills we have already practised.</p>