

## Year 6 Lakeside Primary Learning Challenges

Maths	English	Science	History/Geography	Creative
Use TTRockstars every day for at least twenty minutes	Write a story with chapters about a beloved pet who gets lost during lockdown	Research different types of bridges online and create a poster showing your information. Make a bridge using spaghetti based on one of the designs you have researched. Investigate how much weight it can hold	Create a fact file about at least ten capital cities	Create a picture of your family using different textures and materials.
Create a 'Mathopoly' board game with maths questions on each square and challenge cards. You can get points or money for each correct answer.	Write a newspaper article about the Ramadan and how the festival has had to adapt during lockdown.	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>	Draw or trace a map of York and mark some places you have been to.	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>  Which is your favourite painting and why? Find out more about the painting and artist.
Do 10 multiplications, 10 divisions, 10 additions and 10 subtractions at a good level of challenge for yourself. Check your answers with a calculator.	Produce a non-fiction leaflet the scientific discovery you think has changed the world the most.	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>	Plan a journey from here to Uganda including 5 stops in other countries. For each 'leg' of the journey find out how long it would take and how much it would cost	Paint a picture of the solar system
Look up tangrams and use 2D shapes to create them	Copy out a piece of a story or poem in your best handwriting. Remember your leading lines, ascenders and descenders.	Look outside at night time. Can you see the moon? Draw a picture of what it looks like.  Keep doing this for 1 week. What do you notice?	Create a fact file about various flowers found in the wild in Great Britain.	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>  Choose one and have a go!
Create a Venn diagram with one circle being prime numbers and the other circle being square numbers.	Write a review of a film or TV show that you have watched this week. What happened? What did was your favourite part?	Plan a week's worth of healthy meals and help prepare at least one of them.	Have a look at some of these Geography games  <a href="https://world-geography-games.com/world.html">https://world-geography-games.com/world.html</a>	Can you make a bridge using spaghetti and blue tac. Is it strong enough?