



# Year 6 Home Learning Opportunities



<p><b>Maths:</b>  <b>Area and Perimeter:</b> Make a map of your own bedroom. Measure the length and width of different items (if you don't have a ruler, you can use your fingers to elbow as 1 foot!) Calculate the area and perimeter of each item and make your map accurate!  Challenge: Can you find the <b>volume</b> of each item?  <b>Number:</b> The answer is 156. Can you try to create as many number sentences as possible where the answer is 156? Use all four operations, cubed numbers, squared numbers, BODMAS, and decimals!</p>	<p><b>DT:</b>  Make a 3D model of the Earth with tectonic plates using recycled materials! Can you show the 7 continents as well as different tectonic plates? Can you include the major mountain ranges? Use any materials you like!  Make it geographically accurate.  Challenge: can you make the tectonic plates move and shift?</p>	<p><b>Science:</b>  We have been learning about the different symbols for electrical components in Science  (Wire, bulb, switch, cell, buzzer etc.)  Can you imagine how different items in your house are wired? Draw images of the items and include the circuits inside.</p>
<p><b>Geography:</b>  Research (library or internet) and write a leaflet or report on the following questions:</p> <ul style="list-style-type: none"> <li>- Why do earthquakes happen?</li> <li>- What are the effects of earthquakes</li> <li>- How are volcanoes formed?</li> <li>- What are the layers of the Earth?</li> <li>- What are tectonic plates?</li> </ul>	<p><b>English:</b>  This half term we're focusing on writing newspaper reports. Just like in school, write a plan first, and then do an extended write on one of the following headlines:  "Young Boy Escapes Camp Green Lake in Stolen Truck"  "Kate Barlow's Missing Treasure Found"  "Camp Green Lake Warden Arrested"  "Young Boy, Stanley Yelnats, wrongly Accused"  Finally- edit and publish your piece of writing. The quality should be just as good as in school!</p>	<p><b>History</b>  Last half term, we learned about Migration and why different people migrate. We learned about:</p> <ul style="list-style-type: none"> <li>- The Great Potato Famine</li> <li>- The Windrush Generation</li> <li>- The Huguenots</li> <li>- William the Conqueror in 1066.</li> </ul> <p>Choose one or more of these events, and create a story-board to tell the story of the event. Be sure to include what life was like before, what changed, and what it is like now.</p>
<p><b>Rights Respecting</b>  We have the right to be cared for! Write down a list and draw pictures of all the different people in your life who care for you. What do they do to make sure that you are cared for? Think about: parents, extended family, teachers, LSAs, doctors, nurses, the government.</p>	<p><b>Art:</b>  We have been learning about perspective in art. We created a piece of art with a vanishing point on the horizon line, of a busy street. Can you create your own drawing with perspective in it? Use inspiration from anything you like! It could be: a scene from Holes, a mountain landscape, a railway track etc.</p>	<p><b>Visit:</b>  Visit an open space where there are no people around! See if you can challenge yourself physically by doing:</p> <ul style="list-style-type: none"> <li>- As many star jumps as you can in 1 minute</li> <li>- Running 100 m as fast as you can</li> <li>- Doing as many lunges as you can in 1 minute</li> <li>- Stretching every part of your body carefully</li> <li>- Running without stopping for 10 minutes. (If this is tricky, work your way up until you can do it!)</li> </ul>