

Activities that you can do at home WITHOUT THE INTERNET – Prepared by Miss N. Lenton  
Spring 2020

<p><b>Make your own snakes and ladders board game.</b> Use <b>Roman numerals</b> for the numbers up to 100. Design a challenge to include Roman numerals in years and numbers up to 1000. <b>Challenge: Prepare a set of instructions and help sheet for your players.</b></p>	<p><b>Angles</b> Where and how many angles can you see in the garden. Acute? Obtuse? Reflex? There are angles of branches, sundials, ramps and the pitch of a roof or shed. Draw a plan of your garden including all angles and your estimate of each angle's measurement in degrees. How can an analogue clock face help you with your angle estimations?</p>	<p><b>Look for 2D and 3D shapes.</b> Explore reflective symmetry featuring leaves, butterflies, flowers and beetles. There are many circles and spheres found in nature but few squares or rectangles. How many can you find? Record your findings into a tally chart, pictogram and bar chart. Write questions about what your data shows.</p>	<p><b>Mean, Median and Mode.</b> Take a pack of cards and select 6-8 cards. Ace can be high or low, your choice, cards can be single digits or 2-digit numbers. Then use these cards to find the mean, median and mode. <b>Don't forget key vocabulary – number in data, order division, average, middle, often.</b></p>	<p><b>Times tables</b> – Using a pack of playing cards, challenge someone to dual. Deal a pack amongst player/s. Each turns over two cards, multiplies them together and shares the answer. The highest number wins all the cards played. <b>Challenge: make changes to the game to incorporate division, addition and subtraction.</b></p>
<p><b>Geography – Global warming.</b> What could you do and what do you suggest that the government could do? <b>Possible headings.</b> <b>I could/The government could</b> Cows making methane gas, Palm oil deforestation, fossil fuels for energy, pollution from cars and factories and oils used in plastics.</p>	<p><b>Food and drink – Easter-Hot cross buns.</b> What are they made of? How do you prefer to eat yours? Hot or cold? Why? What is the symbolism behind them? Write a fact file about hot cross buns. Include drawings, labels etc. Include a maths hot cross bun problem that involves fractions, percentages and decimals.</p>	<p><b>Oldest to latest – Book hunt.</b> Go in search for the oldest published book to the latest published book in your house. Author? Title? Genre? Date first published? Make a table to record this information chronologically. Choose one of the books that grabs your interest the most. Pick a page that you would like to jump into. What would it be like to be inside the book? Write the next step of your adventure.</p>	<p><b>History – Communications past and present.</b> Your challenge is to create a word search/crossword that involves communication methods past and present.</p>	<p><b>Science – life cycles.</b> Your challenge is to prepare a lesson to teach your peers about life cycles. The subject matter is your choice. Make sure you pick the one you know most about. Reference books only – thanks. <b>Possibilities:</b> Flowering plants Butterflies Humans Frogs <b>Challenge:</b> Write a storybook about your chosen lifecycle to use as a teaching resource.</p>
<p><b>Can you create a story bag?</b> Find a bag and collect items to go in it that relate to a well-known story. If you can't find an item, you could draw a picture to include. Write a new chapter to go with your book. Alternatively, create an <b>'autobiography'</b> bag of items/labels about yourself. Include a timeline and perhaps a family tree.</p>	<p><b>Write a postcard to your teacher.</b> Can you tell them what you like most about their class? <b>Challenge:</b> Rewrite this into a formal letter. <b>Write a diary entry</b> for each day whilst you are being home-schooled.</p>	<p><b>Write a film review.</b> Film title, <b>Hook</b> the reader (make the film sound interesting) <b>Context</b> – write a brief description of what happens in the film (no spoilers!) <b>Evaluation</b> – did you like the film? Why? Why not? Use plenty of adjectives in your description. Star rating? Audience? Could you suggest any improvements, if so what and why?</p>	<p><b>Can you create your own secret code?</b> You could use letters, numbers, pictures or something else! Can you get someone else to try and crack it? <b>Challenge:</b> use Roman numerals instead of our number system.</p>	<p><b>Write a rap or song about your favourite subject/hobby</b> How could you record this so that at a later date you can share your work with your peers?</p>