



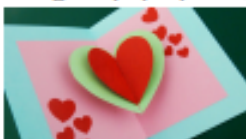








Enrichment Activity Chart: *Offline Learning*

Lower Elementary (K-2)



Create Monday	Science Tuesday	Active Wednesday	Engineering Thursday	Fun Friday
<p>Create your personal mission patch! In a large circle, draw (or use clippings) to represent things you are passionate about.</p>	<p>Scientists want to understand the world around us. Write 5 WHY or WHAT questions to learn more about something in nature.</p>	<p>Create an obstacle course. Calculate your time to complete the course. Can you do it faster the second time? Get a family member to try!</p>	<p>Engineers solve problems to improve our lives. Brainstorm an invention that can improve your life. Draw how it will work.</p>	<p>Draw your ideal future city. What areas will keep citizens healthy and happy? What laws will you have?</p>
<p>Create a skit or poster on the importance of hand washing and how to do it properly.</p> 	<p>Which is the best invisible ink? Write 3 messages using milk, lemon juice, and vinegar. Allow to dry. Heat up the paper with a blow dryer to see message appear.</p>	<p>Play some basketball (or trash can ball)! Measure how many baskets you make out of 10. Do it again. How many more/less did you get than the first trial?</p>	<p>Design and build a table using only newspaper or paper and tape. How much weight can it hold? How can you make it stronger?</p>	<p>Host a paper airplane contest.</p> 
<p>With the help of an adult, cook lunch or dinner. Measure out the ingredients. How would you double or halve the recipe?</p>	<p>Place a small ball on top of a large ball and drop them together. Watch how energy is transferred!</p>	<p>Find a quiet place in nature. Bring a journal and record everything you see.</p> 	<p>Design and build a catapult with household item to knock over a tower of cups. Calculate percentage accuracy.</p>	<p>Use a small bag of candies like M&Ms, make a bar graph showing how many of each color are in the bag.</p> 
<p>Make a greeting card using 3D pop up art.</p> 	<p>List 5 non-reusable items in your house. How can you make at least one of them reusable?</p>	<p>Go outside and record as many different insects and mammals as possible.</p> 	<p>Design and build a roller coaster from paper, paper plates, and tape. How long can you keep a ping pong ball moving?</p>	<p>Draw or write a story about your ideal vacation.</p> 
<p>Create a hoop glider using a straw and paper strips. How far can you make it go?</p> 	<p>Turn on the water slowly. Brush a plastic comb through your hair 10x. Slowly bring the comb close to the water. What is happening?</p>	<p>Measure your heart beat for 10 seconds. Run around and then measure again. How many beats more did you count in 10 seconds?</p>	<p>Create a zip line for a small action figure to travel down from at least your shoulder height. Count how many seconds it takes. Make it move faster or slower.</p>	<p>Survey your family for these genetic traits: dimples, attached earlobes, ability to roll tongue, and right thumb goes on top when clasping hands.</p>
<p>Peter Piper picked a peck of pickled peppers. Write your own tongue twister.</p>	<p>The tongue map theory states that different areas of your tongue sense different tastes. Look-up this theory. Create an experiment to prove or disprove it.</p>	<p>Create your own dance workout routine. Teach to a family member.</p> 	<p>Imagine you only have one leg. Design a prosthetic leg using household items. Test it out! How do you make it comfortable? How would it attach to your body?</p>	<p>With a family member, discuss a significant historical event that happened to them. How did this event impact their life? What did they learn?</p>