


















# Enrichment Activity Chart: Offline Learning

## Upper Elementary 3-6



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. Get a family member to try! What is the shortest amount of time it takes to get through the course?</p>	<p>Engineers solve problems to improve our lives. Brainstorm an invention that can improve your life. Draw how it will work.</p>	<p>Make leaf art! Place a leaf under a sheet of paper and rub a crayon over the leaf to reveal its print.</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.</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.</p> 	<p>Use a small bag of candies like M&amp;Ms, find the ratio of each color to the total candies in the bag.</p> 
<p>Make a greeting card using 3D pop up art.</p> 	<p>Find a leaf on a plant, wrap it in a plastic bag and secure it with a rubber band. After a few hours water will appear! This is the plants version of sweating.</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. How far can you make it go?</p> 	<p>Take a pencil and scribble in a square to create a graphite "ink pad". Press your finger in the graphite and then on a sheet of paper to look at your fingerprint!</p>	<p>Measure your heart beat for 10 seconds. Do jumping jacks and then measure again. What is the difference?</p>	<p>Create a zip line for a small action figure to travel down from at least your shoulder height.</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>Draw a robot invention. What would it do?</p> 	<p>Go outside and write down your weather observations. What do the clouds look like? Can you tell what direction they are moving?</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>