

STEM Enrichment Activity Chart

Grades 3-5

Week of May 4 – May 7, 2020

Create
Monday

Work with your parents to create a kindness calendar for the week. Do one thing each day that shows kindness to someone in your family!



Social Emotional

Science
Tuesday

Create a rainbow using a glass of water, sunlight, and a piece of paper!



The Nature of Light

Coding/Active
Wednesday

Make your own directional arrows and code a new Dance! Be sure to add moves! (ex: move 3 spaces to the left and Dab).



Movement & Coding

Engineering
Thursday

Create a cup and string phone by poking the ends of a string through the bottoms of two cups. Try a few different types of cups and string. Which ones work the best? Send a positive message to a family member through your phone.



Engineering Design Challenge

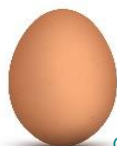
Pick a project from Origami Way! This site includes many tutorials and step-by-step instructions with pictures for making creative origami works of art!

<https://www.origamiway.com/>



Art and Fine Motor Skills

Dissolve an eggshell in vinegar! Take an egg and place it in a cup, pour vinegar over the egg until it is covered. Record how long it takes to dissolve the eggshell. How does the egg feel after the shell is gone!



Chemical Change

Play Band-Aid tag! All players can tag and be tagged. Once a person is tagged, he or she must put one hand on the spot they were touched to make a Band-Aid. Tagged again? Make a Band-Aid with the other hand. The 3rd time, must visit the "hospital" and complete ten jumping jacks to heal and rejoin.

Movement

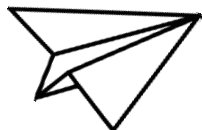
Using a balloon, tape, and straw create a balloon launcher for a toy car!



Engineering Design Challenge

Have a paper airplane flying contest with your family! Visit this website for ideas about different shapes and designs. Chart your results!

<https://www.foldnfly.com/#/1-1-1-1-1-1-1-1-2>

Aerospace and
Fine Motor Skills

Have an ice melting battle with your family! Give everyone a piece of ice and see who can get theirs to melt the fastest! Compare strategies and try it a 2nd time.



Properties of Matter

Design your dream room in Minecraft!



Coding

Using a plastic bag and a cup, build a parachute for a small toy!



Engineering Design Challenge

