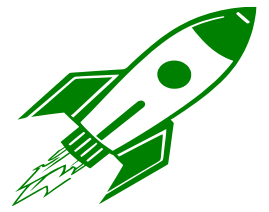




LIFT



STEAM CHOICE BOARD

Grade	STEAM Area	Description	Activity Link
K	Mathematics	Learn number sense while having fun outdoors.	Disappearing Number Line
K-2	Physical Science	Make your own snow!	Snow Fluff
K-2	Physical Science	Learn about capillary action with a rainbow celery food coloring experiment.	Rainbow Celery
K-2	Biology & Art	Learn about leaves on a nature walk and then get creative!	Nature Walk & Leaf Art
K-2	Physical Science	Observe changes in states using ice.	Ice Observations
K-2	Mathematics/Nature	Outdoor activities that help recognize mathematical concepts in nature.	Find Math in Nature
K-2	Art & Physical Science	Explore shadows through art!	Shadow Art Ideas
K-2	Ecosystems/Biology	Discover the diversity of your local bird population by watching birds as they eat.	Feed the Birds
K-2	Earth Science & Scientific Process	Learn to observe, sort, classify, and identify rocks.	Start a Rock Collection
K-2	Physical Science	Make a boat move in water by using soap.	Soap Boat Activity
K-2	Mindfulness/Fitness	Learn Yoga poses while watching interactive storyline videos.	Cosmic Kids Yoga
K-5	Physical Science	Use a dry erase marker, clear bowl, and water to bring a sketch to life!	Dry Erase to Life
K-5	Environmental Science	Learn how to reduce food waste and save money by regrowing food.	Regrow Food from Scraps
K-5	Social Emotional Learning & Biology	Have your child build empathy by learning how to care for living things.	Building Empathy by Caring for Living Things
K-5	Mathematics	Building a mathematical mindset with a deck of cards.	Math Card Games
K-5	Library/STEM	Literacy & STEM: A FREE one page weekly "newspaper" to help inspire kids to engage with STEM in the real world.	Daily STEM News

K-5	Library/STEM	Hundreds of free scientific articles. Written for students. Approved by scientists.	Science Journal for Kids
K-5	Computer Science	Computer Science Experiments 'Unplugged'.	Unplugged Computer Science Activities
K-5	Robotics	Create a simple robot that can draw its own designs.	Homemade Wigglebot
3	Math/Nature	Make your own rain gauge to measure the rainfall in your area.	Rainy Day Math Rain Gauge
3-5	Physical Science	Use vibrations to create your own water xylophone!	Water Xylophone
3-5	Physical Science	Discover how density and surface area can help float your tinfoil boat or sink your experiment.	Tinfoil Boats
3-5	Chemistry	Use the process of chromatography to separate the colors within washable markers.	Ink Chromatography
3-5	Physical Science	Use pepper flakes to demonstrate how soap impacts surface tension of water and helps removes germs.	Scattered Pepper
3-5	Chemistry	Discover the different layers of colorful candy with diffusion and density!	Candy Chemistry
3-5	Computer Science	Use binary code to encode your name into beads that you can wear as jewelry!	Binary Code Bracelets
3-5	Physical Science	Make your own Snow Globe!	Snow Globe
3-5	Physical Science	Learn about density while making an egg float.	Floating Egg
3-5	Mathematics	Encourage math conversations with snowflakes.	Snowflake Math
3-5	Earth Science	Calling all Meteorologist! Make your own weather station to gather data about your local weather.	Make Your Own Weather Station
3-5	Robotics/Coding	Gain an understanding of programming and humanoid robots.	My Robot Friend
3-5	Engineering/Physics	Learn about friction, gravity, and drag as you race marbles in your self-built designs.	Build Your Own Marble Run
4-5	Mathematics/Nature	Introduction to Fibonacci numbers and patterns in nature.	Fabulous Fibonacci
4-5	Biology	Learn about the structure of DNA.	Make a DNA Model
4-5	Biology	See the DNA extracted from a strawberry without a microscope!	Extract DNA From a Strawberry
4-5	Engineering/Chemistry	Engineer and test glue strength.	Make Your Own Glue