



## **CReATE STUDIO's S.T.E.A.M. Enrichment Class Outline**

**Let's explore S.T.E.A.M. projects! Each week's projects that give kids awesome hands-on experiences through the use of recycled, artistic and hardware materials. They'll create moving, balancing, artistic, symmetrical, creations. No artistic experience is necessary. All materials and supplies are included.**

**Week 1. Tensile Bubbles-** Kids create 3D bubble frames with pipe cleaners and straws they form into geometric shapes then dip in a bubble solution to fill all sides of their shape, then blow!

Materials: Pipe Cleaners, Straws, Bubble Solution and Scissors

**Week 2. Robotic Hands-** Using their own hands as the template kids will create a moving hand out of cardboard that they control to grab things that are out of their reach!

Materials: Straws, Cardboard, Dowels, Masking Tape, String and Scissors.

**Week 3. Mini Water Slides-** Kids construct mini slides using aluminum foil, cardboard, tape, plastic and cardboard tubes then let the water flow to see how water flows.

Materials: Cardboard, Cardboard Tubes, Aluminum Foil, Masking Tape and Water

**Week 4. Create a Conveyor Belt-** Using a box or carton kids will create a hand operated Conveyor Belt to use to move all kinds of small objects.

Materials- Paper, Rulers, Milk or Juice Carton, Shoe Box, Wood Skewers, Scissors and Markers

**Week 5. Tabletop Catapults-** Kids use innovation to create simple tabletop catapults using a few basic supplies to catapult any small soft material they try.

Materials: Shoebox, Plastic Lid, Pencil, Masking Tape and Rubber Bands

**Week 6. Floating Ball Game and Paper Whirler** With a few simple supplies kids create a floating ball game and paper whirler that uses their own breath and the air around them to stay in the air!

Materials: Straws, Paper, Markers, Tape, Scissors and Aluminum Foil

**Week 7. CD Spinners-** Kids explore physics and velocity as they build their own spinning tops using a CD! They can decorate them with sharpies markers.

Materials: CD's, Marbles, Sharpies, Plastic Container Lids \*Hot Glue Gun if you have one. If not, use white glue.

**Week 8. Light Up Harry Potter Wands-** We start off our S.T.E.A.M series with awesome wands that light up and turn off with a simple press of the finger!

Materials: Craft Sticks, Electrical Tape, Copper Tape, LED Bulbs, Mini Batteries, Twine, Feathers and Markers.