



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.