

## Mystery Maker Bag Ideas

**Program:** Musical Instruments

**STEM:** Windchimes

**Key Supplies:** Washers, mini clothespins, ribbon, plastic eggs

(would need a Makey Makey)

**Program:** Sensory Bags

**Key Supplies:** Plastic bag, ribbon, metallic paper

**Program:** Jewelry

**Key Supplies:** Everything

**Program:** Bento Boxes

**Key Supplies:** Plastic cookie trays

**Program:** Making stamps

**Key Supplies:** Cork strips with heart pins

**Program:** Homemade Speaker

**STEM:** How design affects sound (material, length, amplification)

**Key Supplies:** metal disks, earbuds

**Program:** Puppet Robot

**Key Supplies:** Paper bag, toothpicks, foam noodle pieces, string, googly eyes

**Program:** Rube Goldberg Machine

**Key Supplies:** Toothpicks, noodles, ball bearings

**Program:** Designing a Phone Case

**Key Supplies:** Foam stickers, googly eyes, stickers

**Program:** Sculpture

**Key Supplies:** Foam tubes, crepe paper, toothpicks

**Partners:** Local contractor, artist, tech school, Home Depot, Lowes, or Michaels

**Program:** Parachutes

**Key Supplies:** Plastic army men, string, cupcake cups

**Partners:** Military personnel

**Program:** A Day in the Life (Envisioning an alternate world)

**STEM:** Science—ecology, biology—Life science, engineering—building structures

**Key Supplies:** Everything

**Partner:** Local college science teachers

(another aspect would be to create a travel brochure to this alternate world)

**Program:** Melted Wax Art

**Key Supplies:** Candles

**Program:** Mosaics

**Key Supplies:** Shells

**Program:** Solar Experiments

**Key Supplies:** Mylar Sheets, candles

**Program:** Digital Graffiti Throwies

**STEM:** Circuits

**Key Supplies:** magnets, LED lights, batteries

**Partners:** Best Buy Geeksquad

**Program:** Friendship bracelets/Parachute bracelets

**STEM:** Spatial Thinking

**Key Supplies:** Embroidery thread

**Partners:** Survival specialists, outdoor retailers like REI and Cabellas, Parks & Rec departments

**Program:** Build with Craft sticks

**STEM:** Math and spatial thinking

**Key Supplies:** Craft sticks or tongue depressors, glue

**Partners:** Architects, engineers, architecture departments

**Program:** Fake Stained Glass

**STEM:** Light refraction

**Key Supplies:** Mylar sheets

**Partners:** Glass artists

**Program:** Scale up Post It Notes  
**STEM:** Math, spatial thinking  
**Key Supplies:** Foam square stickers, mylar sheets, post it notes  
**Partners:** Artist, muralist

**Program:** Hunger Games/Survival Night  
**STEM:** Math/Science

**Program:** Musical Instruments

**Program:** Table Top Games  
**STEM:** Math  
**Program:** Rube Goldberg Machine  
**STEM:** Engineering

**Program:** CD Mobile  
**Key Supplies:** CDs, string, beads, straws, washers  
**Partners:** Craft store, recycling center

**Program:** Solar Ovens  
**Key Supplies:** Mylar film, baking cups  
**Partners:** Solar company

**Program:** Jewelry Making  
**Key Supplies:** Beads, straws, string, bells  
**Partners:** Recycling center

**Program:** CD Coasters  
**Key Supplies:** CDs, cork, markers

**Program:** Water Cycle  
**STEM:** Condensation  
**Key Supplies:** Mylar film, plastic bag

**Program:** Egg Drop/Parachutes  
**STEM:** Design and engineering  
**Key Supplies:** Army men, pipe cleaners, plastic bag

**Program:** Design Competition  
**Key Supplies:** Everything

**Program:** Military Training Visit w/Helicopter  
**Key Supplies:** Army men, pipe cleaners  
**Partners:** Local military

**Program:** Solar Ovens to Make Cupcakes  
**Key Supplies:** Plastic bag, cupcake papers  
**Partners:** Local bakery or restaurant

**Program:** Structure Building  
**STEM:** Building/Architecture/Measuring  
**Key Supplies:** Pipe cleaners, magnets

**Program:** Build a Track for the Egg (that moves without touching the egg)  
**Key Supplies:** Plastic eggs, craft sticks

**Program:** Straw Weaving  
**Key Supplies:** Straws, yarn

**Program:** Cells, Atoms  
**STEM:** Science—biology  
**Key Supplies:** Styrofoam balls

**Program:** Planet Mobiles  
**STEM:** Science—astronomy  
**Key Supplies:** Styrofoam balls

**Program:** Glow Jars  
**STEM:** Luminescence

**Program:** Water Beads & Glow Stick Goo  
**STEM:** Luminescence  
**Key Supplies:** Water beads, glow sticks

**Program:** Sensory Bats with Water Beads  
**Key Supplies:** Plastic bags, water beads

**Program:** Potted Plants  
**Key Supplies:** Water beads

**Program:** Critter Cars  
**STEM:** Engineering  
**Key Supplies:** CDs, clothespins, plastic critters, Velcro, glitter, stickers  
**Partners:** Model car enthusiasts

**Program:** CD Solar System Mobile  
**STEM:** Science—planetary  
**Key Supplies:** CDs, yarn, marbles, glitter, stickers  
**Partners:** Local planetarium, astronomy club

**Program:** Mosaic Art  
**STEM:** STEAM  
**Key Supplies:** CDs, glitter, stickers