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/Architectures/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