

IMSA Makey Lab STEM Camp Supplies List

You don't need to buy all items on this list; only purchase what you don't have at home or when you don't have a suitable substitute. Many of these items are likely to already be on hand at home, or are easily obtainable, or are meant to provide you with examples. Shop wherever it is most safe and convenient for you and your family.

A selection of eight more difficult-to-find items can be purchased from Kidzeum as a kit. See next page for details.

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Project Equipment

Tools used throughout the week or common household items.

- 1 pair of scissors
- 1 roll of strong adhesive tape
i.e. duct tape
- 1 roll of adhesive tape
i.e. masking tape, scotch tape
- 1 roll of copper tape (1/4")
- 1 bottle of white school glue
- 1 wire stripper
possible substitution: scissors
- 1 writing utensil
pencil with eraser preferred
- 1 notebook or some scrap paper
- 1 paint brush
- 1 set of markers
- 1 box cutter
adult use only, for help cutting cardboard
- 2 medicine cups
should both be same size
- 5 small metal washers
- 1 small bowl (any material)
- 1 ruler (12")
- 10 coins
penny, nickel or dime
- 1 plastic tablecloth or place mat for messy projects
- paper towels/disinfecting wipes as needed for clean-up

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Tap here for a link to an Amazon shopping list
for some items that may not be readily available
at your local store.
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Continued



Activity Equipment

Things that could be used or incorporated into a project.

- 2 mini LEDs (any color)
- 1 battery pack with switch
holds 2 3V coin batteries
- 4 3V batteries (CR2032)
- 2ft roll of tissue paper
variety of light colors, if possible
- 1 roll of string
can be cotton, kite, yarn, any string will work
- 20 craft sticks, regular or large
- 10 pipe cleaners
- 20 rubber bands
- 10 flex straws
- 1 bendy figurine
possible substitution: any item small enough to fit on a mini-swing
- 1 small container of play-doh
- 5 sheets of construction paper or cardstock
- 1 plastic cup (20oz)
- 4 plastic cups (10-16oz)
- 4 cardboard tubes
paper towel or toilet paper
- 2ft of aluminum foil
- 2ft of wax paper
- 3 paper plates (dinner size)
- 1 heavy duty paper plate (6")
- 10 paper clips
- cardboard straps
one small to medium box

Optional Toy Creations

Acquire what you can.

- mini pom poms
- feathers
- googly eyes
- fabric
- fiber fill (stuffed animal stuffing)
- toy squeaker
- cotton balls
- air dry clay
- balloons
- hot glue gun and glue sticks
adult use only
- Other materials you may want for your toy invention. *You don't need to get these yet! You can gather items from around your house during the week of the camp.*

Kidzeum Kit (\$60)

We've assembled a kit of some hard-to-find items on this list to help make shopping easier! These can be purchased at check-out upon camp registration.

- 1 wire stripper
- 1 roll of copper tape
- 2 mini LEDs
- 1 battery pack with switch
- 4 3V batteries (CR2032)
- air dry clay
- 5 small metal washers
- 10 flex straws