

Materials List for Long Island Explorium's Online STEM Workshops - June 2020 Week XII – XV

Monday, June 1st – Making Music with Jars

- 3-15 glass jars/bottles/drinking glasses of different shapes and sizes
- wine glass (if possible)
- thin necked bottles e.g. wine/beer bottles, old fashioned Coke bottles etc (if possible)
- tap water
- spoon/fork/stick (one or more materials, wood, plastic, metal...)

Wednesday, June 3rd – Blast Off! *NEW*

- copy paper
- rubber bands
- recyclables (old cereal boxes, pasta boxes, juice bottles, egg cartons etc)
- tape
- scissors
- tape measure (if possible)

Friday, June 5th – Bridging the Gap

- up to 25 sheets of copy paper/construction paper/magazine paper/newspaper
- tape
- scissors
- ruler
- toy car

Monday, June 8th – Pattern-Spotting and Making Links with Ink - Chromatography!

- set of marker pens (not Sharpies or other permanent markers)
- pencil
- coffee filters (or paper towel if coffee filters not available)
- small cup
- paintbrush (optional)
- paper clip or binder clip (optional)
- up to 2 cups of tap water

Wednesday, June 10th – Hydro-Power *NEW*

- an outside space to work!
- skewers or straws
- cardboard (e.g. empty cereal box)
- tape
- scissors
- water bottle (with sports cap is preferable but not essential)
- washing up bowl/bucket or similar
- lots of water
- cardboard
- paper plate(s)
- a selection of any of the following:
 - plastic/wooden spoons
 - more paper plates
 - plastic/paper cups
 - egg box (plastic is preferable to paper)
 - old water bottles

Friday, June 12th – Does Your Boat Float?

- Washing up bowl (or similar) of water
- Aluminium foil
- A collection of stones, sticks, shells and leaves from outside
- Teaspoons (about 3-10)
- A banana and an orange or lemon (optional but fun!)
- Kitchen scales (if possible)

Monday, June 15th – Music Outside the Box

- cardboard box, e.g. pasta box, tissue box, cereal box.
- elastic bands - at least 3, large size
- other cardboard
- scissors
- tape

Wednesday, June 17th – Who's Afraid of the Big Bad Wolf? *NEW*

- Straw (collect from outside, can be grasses or anything light)
- Sticks
- Stones
- Tape
- Hairdryer
- A small toy pig (very much optional, other animals or simply your imagination are equally welcomed)

Friday, June 19th – The Science of Seeing

- Red and blue Sharpies/permanent markers
- clear plastic (e.g. cut from food packaging - I used a pot that hummus came in)
- red and blue crayons / pencil crayons
- flashlights (2 if possible)
- white paper

Monday, June 22nd – Let's Go Fly a Kite

- copy paper/cardstock/construction paper
- Newspaper and/or plastic bag(s) (can be any size)
- Thin wooden sticks (at least 4) - these can be wooden dowels or sticks collected from the garden
- Tape
- Ribbon/string/yarn
- an outdoor space to work

Wednesday, June 24th – Optical Illusions *NEW*

- Copy paper
- Binder clip
- Sharpie
- Glowing screen e.g. phone screen, tablet screen.
- Cardboard
- Straw/skewer/rolled up paper
- Scissors
- Tape
- Markers
- Ruler

Friday, June 26th – In the Balance

- water bottle
- tap water
- large flat object e.g. hardback book
- coin
- flat piece of cardboard or cardstock
- string/thread/yarn
- 2 x paperclips
- clothespin
- pencil
- scissors
- ruler
- 'Tack-it' or other reusable adhesive putty (optional)