CMSC Kit

Columbia Memorial Space Center will be supplying you with a kit of supplies. This will include some of the harder to find or specific items needed for the activities.

Home Supplies
In addition to the kit, we ask that you provide the following basic tools:

- Scissors (Cardboard Cutter with parental supervision)
- Electrical Tape
- Coloring supplies (markers, crayons, and/or colored pencils) for decorating projects.
- White Glue
- Glue Gun (optional. Could use tape/glue as an alternative)

The following household items will also be used. Some of them require saving empty food items.

- Vinegar
- Oil
- Aluminum Foil and Plastic Wrap (8-9 years)
- Cardboard box of any size (ex. cereal box/pizza box/shoe box/)
- 2 Regular sized water bottles (not 8oz)
- Eggs (2 raw eggs)
- Measuring Cups
- Water
- Sugar (10-12 years)
- 2 2-Liter Bottles (10-12 years)

Other Supplies:
Campers will need a variety of materials for making their projects that can be found around the house. The following is a list of suggestions that are not required but can be used to enhance the student’s projects and enhance their imagination. You do not need everything on this list. TIP: Before you throw food containers and other items away, consider if it can be upcycled for a project. Start filling a box or container of possible items that your child can use for camp.

- Newspaper or grocery store ads
- Paper towel or toilet paper tubes
- Egg cartons
## VIRTUAL MAKER CHALLENGES

### Supply List

- Fabric scraps
- Newspaper/Store Coupon pages
- Cardboard (in addition to the kit box and cereal box mentioned above)
- Napkins
- Plastic bags
- Paper or plastic cups
- Plastic food containers
- Straws
- Paper clips
- Cotton balls
- Toothpicks
- Empty water bottles
- Plastic lids from bottles or milk jugs
- Yarn
- Newspapers/grocery store ads

- Styrofoam containers, cups, or meat trays
- Tissue paper
- Playdough (consider finding a recipe online to make some ... lots to choose from)/Clay
- Dryer lint
- Beads/Buttons
- Legos
- Cardstock/construction paper
- Pencils
- Bubble Wrap/Peanuts
- Yarn
- Sticks/leaves/moss
- Popsicle sticks (we'll provide some, but they may want more)
- Anything else you find around the house that might be useful.

### Supplies Provided:

- Popsicle Sticks
- Rubber bands
- Motor
- On/off Switch
- Batteries/9v Battery snap
- Knox gelatin (10-12 years)
- Bouillon cubes (10-12 years)
- Borax (8-9 years)
- Cornstarch (8-9 years)
- Baking Soda
- String
- Duct Tape
- Alka Seltzer
- Propellers

For this camp specifically we are challenging the students to figure out how to make their projects work with what they have at home. We want their imagination to be enhanced and their way of thinking to be tested. The challenges are based on running into problems and figuring out a solution or doing an activity and trying to make it better.