

MAKER DAY 2019

Hello!

Thank you for attending our maker day activity.

Here is a list of materials, project ideas, and instructions so that you can recreate this project or repurpose the motor at home!

Propeller Hat

Materials:

1x Motor

1x Battery pack

2x Alligator clips

1x Slice of foam or pool noodle

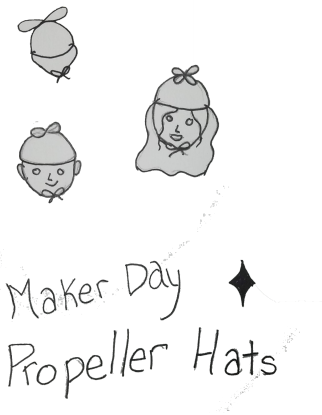
Fabric & Other misc decoration items

Cardboard

Sticky Tack

Glue

Sewing materials (optional)



Instructions:

1. Cut your foam to fit your head, and make a cut in the middle of the foam to fit the motor.
2. Expose the motor's wires on the bottom of the foam, and have the spinning stick of the motor exposed on the top.
3. Secure the motor in place.
4. Attach a battery pack to your motor using alligator clips. Make sure to connect the red line to the red line, and the black line to the black.
5. Cut a propeller shape out of cardboard
6. Use sticky tack or glue to attach the propellor to the top of the motor
7. Cut two holes in the foam to attach a string to. This will be your chin strap
8. Attach fabric and other decorations to your hat
9. Test your hat to see if it works!

