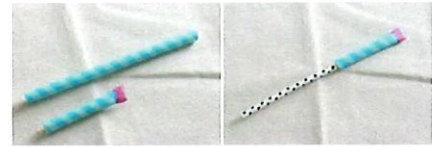


Straw Rockets

<https://buggyandbuddy.com/straw-rockets-with-free-rocket-template/>

Supplies

1. Rocket Template
2. Markers, crayons, or colored pencils
3. Straw (in paper wrapper...this is the straw you will blow into)
4. Straw with a larger diameter than the other straw
5. Scissors
6. Tape



What to do:

1. Color the rockets and cut them out.
2. Cut the wider straw to fit the length of the rocket and tape one end shut so it's completely sealed. Attach it to your rocket with tape.
3. Slip the other straw into the wider straw.
4. Launch the rocket by blowing into the longer straw.

Taking it further:

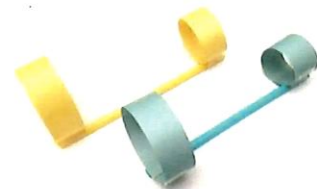
- How does the angle you launch your rocket affect the distance it travels?
- Can you design your own rockets to attach to the pipette or straw? Which designs work better?
- Try adding another fin to your rocket with tape. How does it affect the flight of your rocket?

Straw & Circle Plane

<https://www.diynetwork.com/how-to/make-and-decorate/crafts/how-to-make-straw-and-paper-airplanes>

Supplies

1. Straw
2. Cardstock, one 1-inch by 5-inches wide; one 1-inch by 10-inches (or tape two 5-inch pieces together)
3. Scotch tape



What to do:

1. Tape your strips to make two circles – one large one small.
2. Tape each circle to one end of the straw.

Taking it further:

What happens if the straw is longer or shorter?
What happens if you use a stick instead of a straw?
What happens if you make the circles the same size?
Can the plane fly in both directions (large circle at front OR back?)
What if you shape the circles into a triangle or square?
What if you use different materials?