

S.T.E.A.M. @ home

STRAW ROCKETS

MATERIALS

- Rocket template or paper to draw your own rocket on
- Markers, colored pencils, or crayons
- Straw
- Plastic pipette or a second straw that is wider than the first one
- Sticky dots or tape
- Scissors
- Materials to add to your rocket, such as feathers, string, modeling clay, paperclips, etc.



INSTRUCTIONS

1. Color the rocket template, or draw your own rocket. If you draw your own, it should be about 5 inches high, or no bigger than your hand. Cut out your rocket.
2. Cut the bottom off the pipette, and use a sticky dot or masking tape to stick it to the back of your rocket. If you are using a wider straw instead of a pipette, cover one end of the straw with a piece of tape or modeling clay.
3. Insert the smaller straw into the pipette or wider straw, and blow through the end. Watch your rocket fly!
4. Try adding different materials to your rocket and see how far you can make it fly! What would happen if you added a piece of modeling clay to the tip of the rocket? Does it fly further if you tape feathers to the bottom of the rocket? Try different things out and see what happens!

