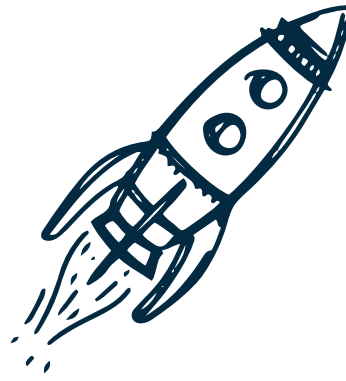
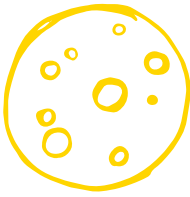


Moon Landing 50th



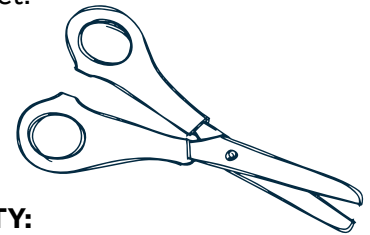
Rocket Lab

MISSION #1: Make a Bottle Rocket



1 YOU WILL NEED:

- A small empty plastic bottle without a lid
- A piece of paper
- Pencil
- Scissors
- Glue or tape



2 HOW TO MAKE YOUR BOTTLE ROCKET:

- Draw a circle on your piece of paper (drawing around a mug or cup is an easy way)
- Cut all the way around the edge of the circle
- Make one straight cut from the edge of the circle to the middle of the circle
- Overlap the two edges you've made to make the shape of a cone
- Glue or tape the paper together to secure the cone (make sure you haven't left any gaps)
- You can decorate your rocket if you like



3 HOW TO LAUNCH YOUR ROCKET:

- Stand your empty bottle on a firm surface
- Put your cone rocket on top of your empty bottle
- Clap your hands together on each side of the bottle – the air will be pushed out the top and launch your rocket!

4 SAFETY:

- Ask an adult before using scissors or glue
- Make sure to keep your head back when you launch your rocket so it doesn't hit you or anyone else in the face!

5 HOW DOES IT WORK?

Air is pushed out of the bottle and pushes the rocket up into the air. Real rockets burn fuel to create a big enough push to launch them to space.

6 EXPLORE FURTHER...

Does the shape of your rocket matter?
Does the size of your rocket matter?
Would a different material work?
Experiment and let us know!



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