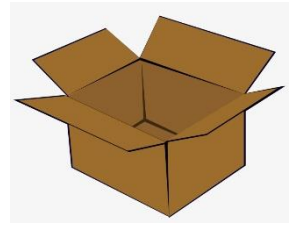




Science Activity

Straw Rockets

Time to prepare: 5 minutes



□ Please, stay safe and ask a grown up to supervise you

Resources/ things you need

- Straws
- Cellotape
- Scissors
- Paper
- Colours
- Rocket template print out - but not essential , just draw a simple rocket - see below for help

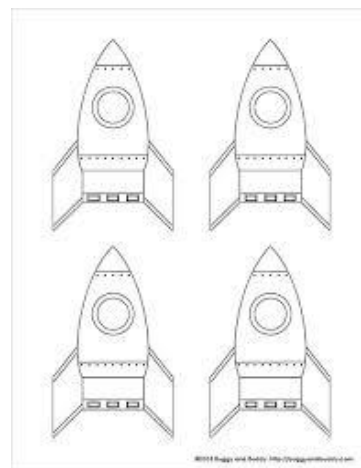
What to do

1. Make a strip of paper that is 8cm long and 3cm deep. Wrap the strip of paper around the end of your straw. Fold a bit of the paper over the top of the straw and seal this with cellotape. You have made a little cap for the straw that fits snugly. No air must be able to escape from the straw when this paper cap is on it. The paper cap should fit quite tightly over the straw.
2. Print out or draw a simple outline of a rocket, see below for help. The rocket should be about 8cm in length.
3. Colour in your rocket.
4. Cut out the rocket.
5. Stick your paper cap to the back of the rocket half way down. (On the blank side).
6. Place your straw snugly in the paper cap which is now on your rocket.
7. Take a deep breath and blow into the straw and watch your rocket fly! (Make sure you have the straw and rocket above you.)

Background and the link to learning

As you blow out into the straw, the **air will** move through the **straw** and into the **rocket**. When the **air** enters the **rocket**, it **has** nowhere else to go so **pressure will build up** inside the **rocket**. This build-up of air pressure makes the rocket takes off!

Your design of the rocket with wings and a pointy front nose means it is aerodynamic in shape, meaning it will fly through the air more easily.



[Link to other similar activities](#) - Please see: solar system fun, mobile solar system

