



ALFIE FOX'S CREATIVE IDEAS FOR KIDS

SAUCE BOTTLE ROCKET LAUNCHER

You can create your own rocket launcher.
Rockets use powerful boosters to create thrust.
You can create your own thrust using air from a squeeze bottle.

YOU WILL NEED

- Empty squeeze bottle such as a sauce bottle
- Paper straw
- A piece of card at least 20x25cm
- Sticky tape
- Marker pen
- Scissors
- 30cm ruler

Follow our handy
online tutorial at
aerospacebristol.org

How high can you make your rocket fly?
Wow others with your blast off and creative designs share your flight using the #aerospacechallenge and tag @aerospacebristol
You can see how other people are doing!

1. Wash out your bottle and dry as much as possible.
2. Draw your rocket- roughly 20 x 10cm, or you can use our template.
3. Cut your rocket out carefully.
4. Cut the straw 20cm long.
5. Fold the top end of the straw over 1cm. You will need to use sticky tape for close it. This will trap the air to launch your rocket.
6. Fold your rocket in half, lengthways.
7. Make 2 small snips across the width of the rocket.
8. Thread the straw through and make sure the end stays folded.
9. Load your rocket into your bottle and pull the straw out as much as possible so there is a tiny end left in.

TOP TIP: The rubber around the opening of the bottle should be facing up like a crown.

Get ready to do a quick, strong squeeze.
5,4,3,2,1..... **BLASTOFF!**

