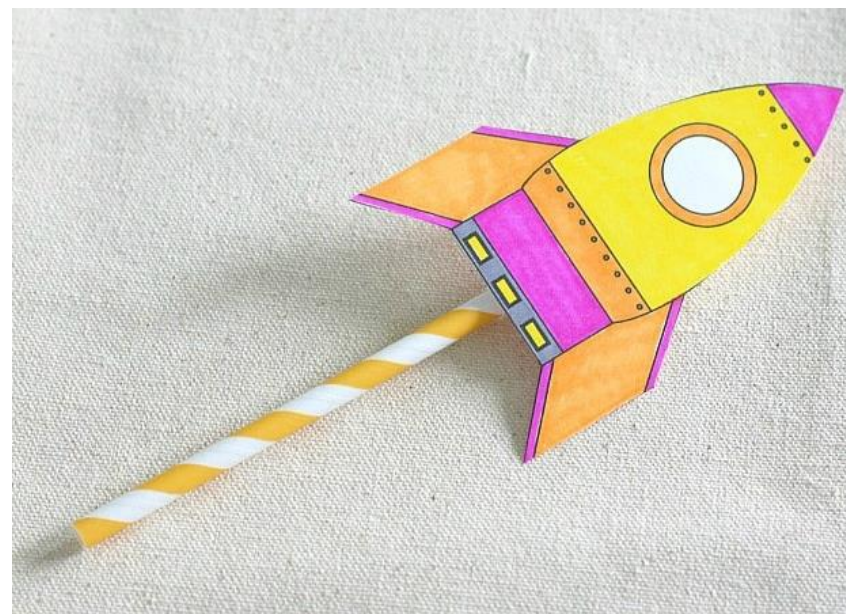


## Aeronautical and Aerospace Engineering

Challenge

Blast off!



## STEP 1

## Gather Your Materials



Ideally 2 different thicknesses,  
but don't worry if you only  
have one!

## STEP 2

## Create your launcher



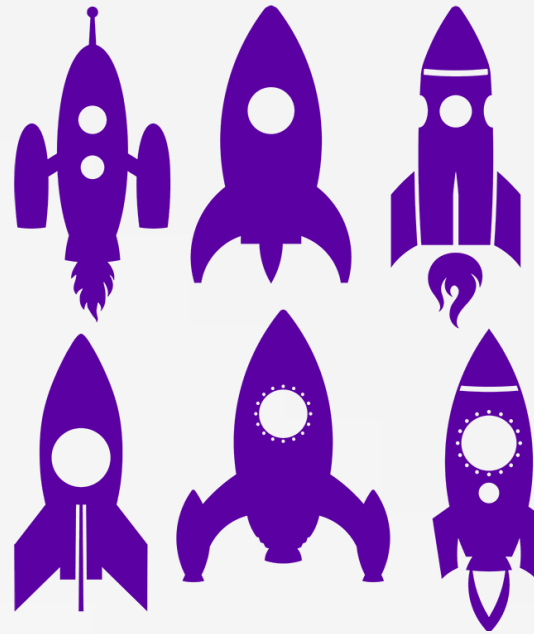
The thicker wider straw will be attached to our rocket.

Cut your thicker straw as shown in the picture and seal it with tape at one end.

If you just have 1 straw you can make the launcher by rolling a piece of paper into a tube and sealing it at one end.

### STEP 3

### Design your rocket



Your rocket can be any shape you like, just make sure it is roughly the same size as our launcher.

Once you have designed your rocket, colour it in, cut it out and stick it to your launcher

## STEP 4

Launch your rocket



Blow into the end of the straw and watch your rocket take off!

***How far can you get it to fly?***

# What makes a good Engineer?

Good engineers have excellent mathematical skills, think logically and solve problems.

Why not practice some engineering skills at home?

Have fun building projects and learning about how things are made.

If you think you might like to be an engineer, start learning about science and math now!

