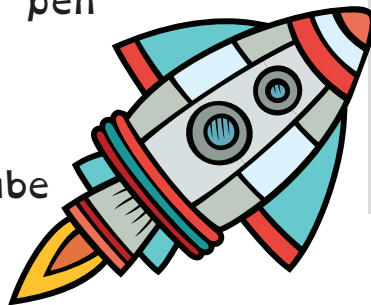


How To Build A Rocket

Do you want to go to space? How will you get there? You will need a rocket.

What you will need:

- An empty 2L plastic bottle (take off the label)
- Tape & glue stick
- Scissors & marker pen
- Cardboard box
- Toilet roll tube
- Wrapping paper tube
- Paint
- Coloured paper



RETRIEVAL FOCUS

1. What should the bottle be made of?
2. Where should you draw 4 fins?
3. What should you wrap on the window frame and nose cone?
4. What do you need to fuel your rocket?

1. Create the Rocket Body

You might need an adult to help you with this step. Remember to use scissors safely.

Cut completely through the bottle in a straight line. Do this $\frac{3}{4}$ of the way down the bottle. You should have two parts.

Draw a circle on the top part of the bottle. Cut out this circle. Be careful with the scissors. Be safe.



2. Add some more features

Draw 4 fins on the cardboard box. Then draw a 2cm thick ring. Cut out the ring to make a window frame. Then cut out the fins. Cut your wrapping paper tube into two small parts. These are the thrusters. Use your toilet roll tube to make a nose cone. Use tape to secure it.



3. Paint your Rocket

Wrap the nose cone and the window frame in tin foil. Tape the tin foil to the nose cone. Paint the thrusters black. Then paint the fins and the rocket body. Paint them any colour you like!



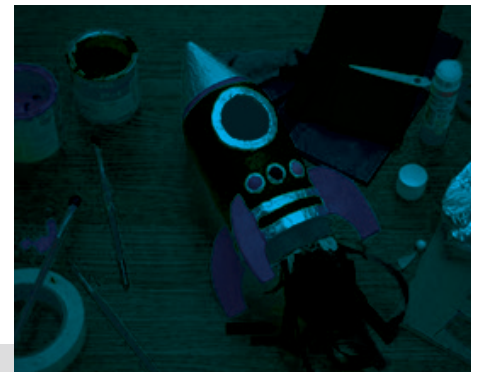
4. Finishing touches

Glue the fins, thrusters and window frame to the rocket. Then cut thin strips of the coloured paper. Glue the strips onto the thrusters. The rocket is firing up. Now you're ready for....

5. BLAST OFF!

Fly your rocket into space!!

Warning. You will need imagination to fuel it.



VIPERS QUESTIONS

I

Which activity is dangerous?

R

What colour should you paint the thrusters?

V

What word means to 'support' or 'strengthen'?

secure

wrapping

thrusters

S

Put these stages in the correct order, first to last:

Finishing touches

Build the Rocket Body

Blast off

Add some more features

Paint your Rocket