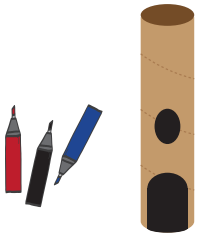
Blast Off!

Make a rocket ship out of cardboard

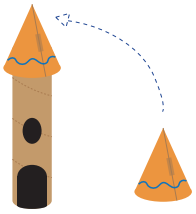
Step 1

Use the paper towel roll as the body of the rocket ship. Colour and decorate it any way you want. Here are some ideas: Draw windows, a door and a flag of your country on it.



Step 2

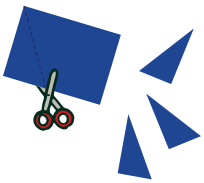
Colour and decorate the cone.
Tape the cone to the top of the paper towel roll.

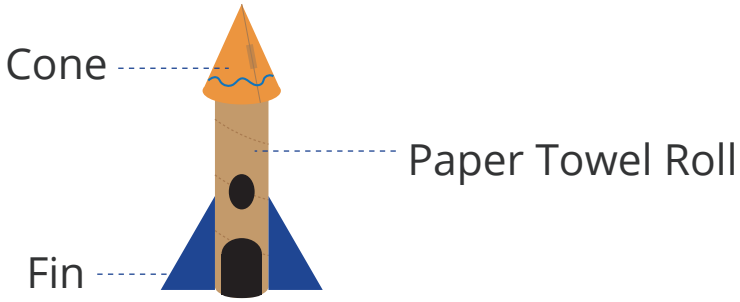


Step 3

Cut out 2 or 3 fins from the cardboard. Tape them to the side of the rocket ship.

Make sure the fins line up with the bottom of the paper roll so your rocket ship can stand up.





Rocket Ship Geometry

Question: What shape is a paper towel roll?
Answer: It's a cylinder.

What other shapes do you see in the paper towel roll?

What You'll Need:

Paper towel roll

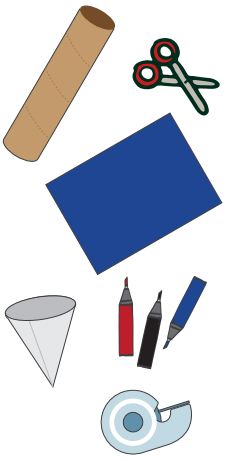
A paper cup in the shape of a cone (or make your own cone out of paper — see how on the next page.)

A thin piece of cardboard

Markers or crayons for drawing

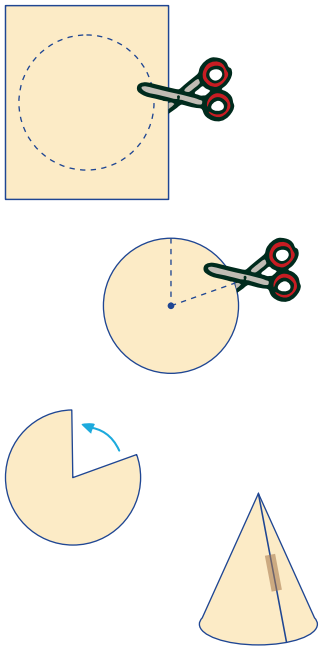
Tape

Children's safety scissors



Try This

If you don't have a paper cup in the shape of a cone for the top of your rocket ship make one out of paper.



1. Cut out a circle from a piece of paper.
2. Put a dot in the centre of the circle.
3. Cut a piece (in the shape of a slice of pie) from the side of the circle to the dot.
4. Now make a cone shape. Here's how: Join the two sides where you've cut out the piece. Tape them together.

Let's Play

Riddle: What cone is good to eat?

Answer: An ice cream cone.

Circle the cone part of the ice cream treat.

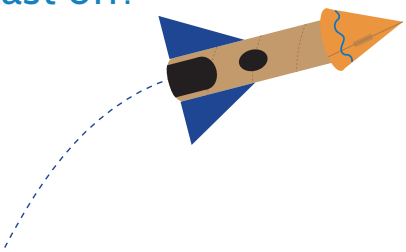
Countdown

Can you count backwards from 10? Try it!

After you reach one, launch your rocket ship!

Can you count backwards from 20? 50? 100?

10, 9, 8, 7, 6, 5, 4, 3, 2, 1
Blast off!



Take It Further

Learn more about astronaut Julie Payette. Visit the Canadian Space Agency website: http://www.asc-csa.gc.ca/eng/astronauts/biopayette.asp

Download colouring sheets for children about space and space exploration from rom National Aeronautics and Space Administration (NASA): http://www.nasa.gov/exploration/systems/sls/outreach/books.html

Watch a real countdown and launch of a rocket ship. Check out NASA videos on www.YouTube.com