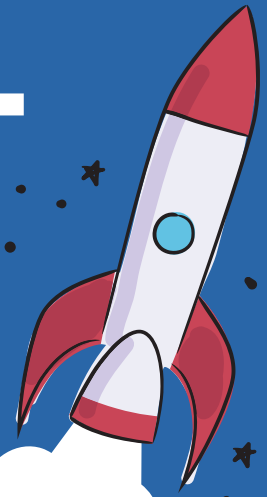


# MAKE AND TEST YOUR OWN ROCKET

To infinity and beyond! Channel your inner Buzz Lightyear and take off in a rocket of your own design. See how far you can make it fly!



## Materials:

Construction paper  
Scissors  
Pencil  
Tape

Ruler  
Straws  
Tape measure

## Directions:

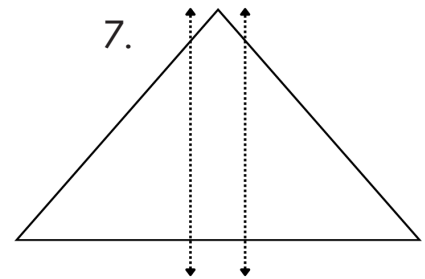
1. Cut your construction paper in half and in half again to get four smaller rectangles.
2. Take one of the small rectangles and roll it lengthwise around a pencil.
3. Tape the paper to itself (like you're wrapping a gift) so it doesn't unravel. Slide the pencil out.
4. Tape one end of the paper cylinder shut to form the nose of your rocket.
5. Trim one of the rectangles into a square. Cut the square diagonally to form two right triangles.



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7. With the hypotenuse along the bottom, make two fold lines as shown at left.
8. Glue the flat part of each triangle to the base of your rocket across from each other. Now you have fins!
9. Place a straw into the open end of your rocket and blow. Measure how far it travels.
10. Make adjustments to your rocket using the extra paper to see if you can get it to go farther. Record your findings in the table.



## HOW FAR MY ROCKET TRAVELED

Design A	
Design B	
Design C	