

ASHA AND BAZ MEET HEDY LAMARR

THE GREAT ROCKET CHALLENGE



INSTRUCTIONS:

Make a paper rocket fly the farthest.

SUPPLIES:

- white computer paper
- tape
- scissors
- paper straws
- glue
- pencils
- cardboard rolls
- markers

DIRECTIONS:

1. Wrap white computer paper tightly around a pencil.
2. Use tape to fasten the paper at the top, middle, and bottom to itself.
3. Slide the pencil out of the paper. You have made a tube.
4. Tape the top end of the tube down. This is the rocket nose.
5. Slide the paper straw halfway into the tube.
6. Using wind power (your breath) blow into the paper straw. The rocket will blow off!
7. Options: you can use the markers, pencils, and glue to decorate your rocket. Just colour on the paper before step 1.

OBSERVE:

- Measure the distance of the rocket flight.
- Use different tools of measurement (rulers, feet, books)
- Can you improve the rocket design? Try using different types of paper. Try not taping the rocket nose down. Try using a marker instead of a pencil for wrapping the paper.