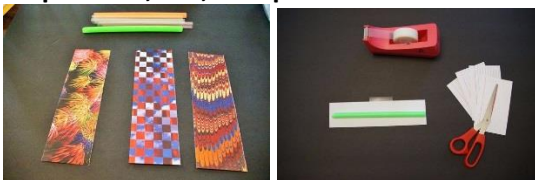




For additional tutorials and videos, visit <https://www.instructables.com/id/Straw-Rockets-or-Strawkets/>

Supplies: (1) straws, (2) paper, (3) Index cards, cardstock or cardboard (4) tape, (5) scissors

Step 1: Fold, Cut, & Tape



- Fold a piece of copy paper width-wise half, and then half again, giving you four pieces of 8 1/2 in x 2 3/4 in strips.
- Cut a piece of 8 1/2 in x 2 3/4 in strip of paper.
- Put a piece of tape on the paper (as see in the photo).

Step 2: Roll & Tape



- Wrap the paper around the straw and tape down the seam. Make sure it doesn't stick to the straw, and that the straw can slide in and out easily.

Step 3: Making a Nose Cone



- Flatten out one end. Fold it in to create a triangular cone. After creating the cone, put a piece of tape around it to prevent the air from escaping.
- Now, put the partially built rocket on your straw and blow it. It won't fly very well.

Step 5: On to the Fins



- Now, cut out fins from a piece of an index card and tape it at the end of the paper on the rocket.

Step 6: Done



- Now, blow into the straw and see how the rocket flies.
- If it doesn't fly well, tweak it. Take it apart or build another one to make it

Here are a few challenges:

- (1) Farthest distance,
- (2) Trickiest rocket - boomerang and tight spiral,
- (3) Accuracy—make the rocket hit a certain target