

Rubber Band Powered Boats

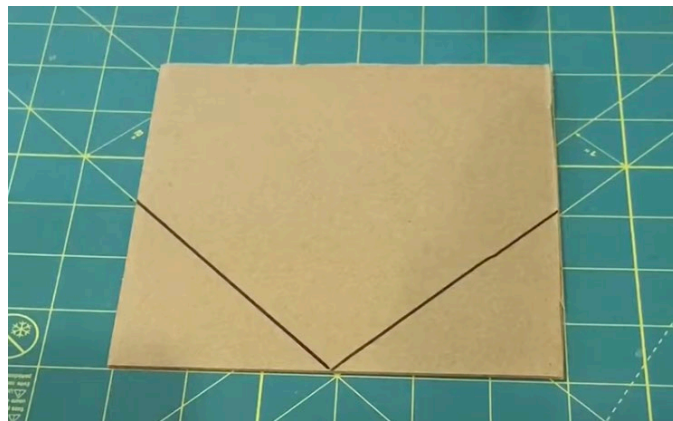
Supplies:

- Rubber Bands
- Duct Tape
- X-acto Knife or Scissors
- Cardboard
- Markers
- Ruler or Straight Edge

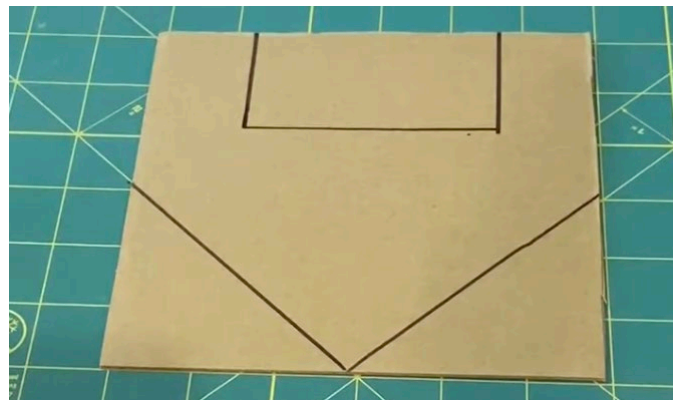


Instructions:

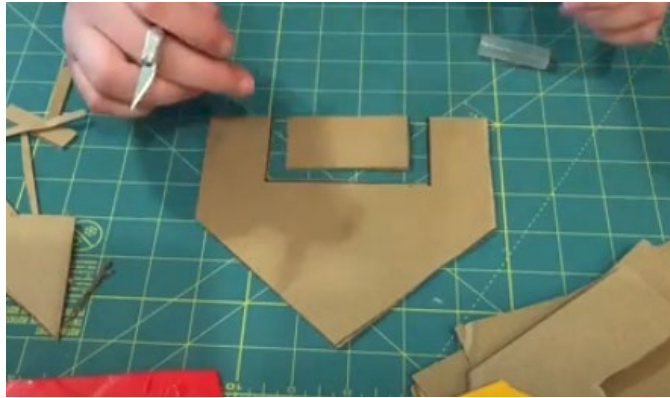
- 1) Take your ruler and draw a triangle shape at the top of your piece of cardboard. This creates a house-like shape on the cardboard.



- 2) Take your ruler once again and draw a rectangular-like shape at the bottom, leaving about an inch on each side of the rectangle.



- 3) Use your X-acto knife or scissors to cut out along the lines you just drew.
- 4) Take the small rectangle piece of cardboard you just cut out and trim down the edges on both sides to make it smaller than the opening it was just cut from. This trimmed rectangle will become your propeller.



- 5) Now that you have cut out all the pieces you need to make your boat, you will need to cover all of the cardboard pieces with duct tape to make them waterproof.
- 6) After the pieces are completely covered in duct tape, you may choose to draw designs on them or leave them plain if you prefer.
- 7) Slip the rubber band onto your boat over the empty space you have cut out.
- 8) Place the propeller (the trimmed rectangle shape) into the rubber band.



- 9) Place a small piece of duct tape over the rubber band to connect it to the propeller.
- 10) Wind up the propeller by turning it. If it moves freely, you are done.
- 11) Now it's time to test out your boat in the water!