



Rubber band powered paddle boat

Materials

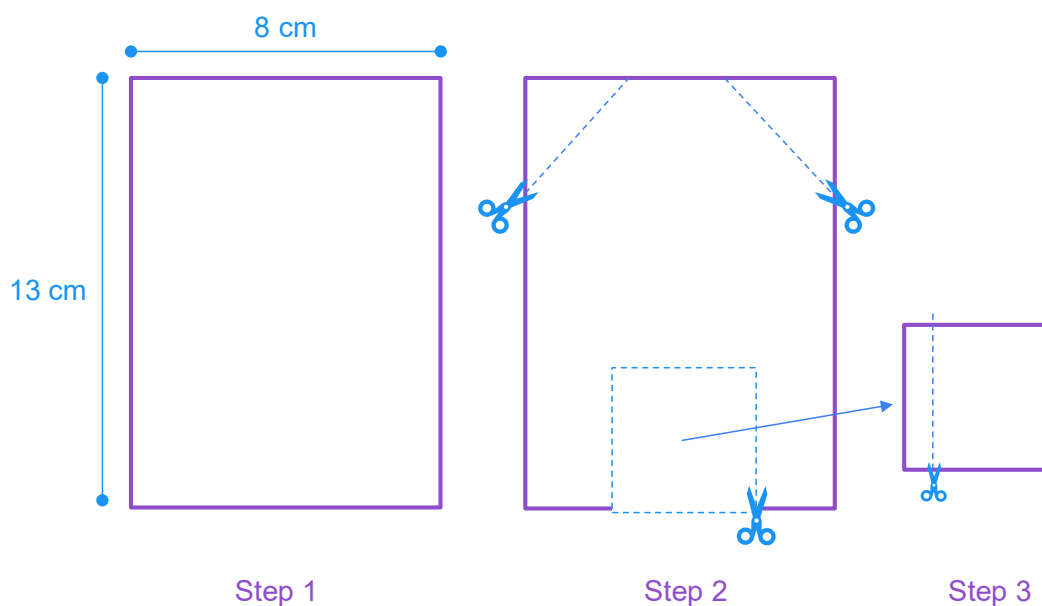
- Rubber bands
- Cardboard or Balsa wood
- Popsicle sticks
- Scissors
- Ruler
- Foam (Optional)
- Water to test boat on
- Pencil
- Duct tape

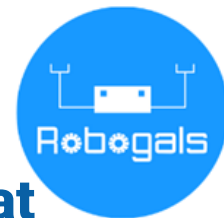


Original Source: [Sciencebuddies.org](https://www.sciencebuddies.org)

Instructions

1. Using cardboard or balsa wood cut a rectangle approximately 8cm by 13cm.
2. Cut the corners off one end of your rectangle, this will be the nose of the boat.
3. On the back end of the boat (opposite the nose), cut out an approximately 5cm by 5cm square out. Then cut the piece removed from the boat so it is narrower than the space it was cut from.
This piece, cut from the bottom of the boat, will become the paddle.
4. If you are using cardboard, cover the boat in duct tape to prevent the cardboard from getting wet.





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5. Take a rubber band and stretch it across the gap. Slide the paddle through the rubber band, tape the cardboard to the band and wind it up. Now your boat is ready to go!
6. With the rubber band and paddle tightly wound, place it on the surface of the water and let it go!

Tip: To help the boat float better, you can glue small pieces of foam to the bottom of the boat.

