

ENGINEER A SELF-PROPELLED BOAT

Materials:

- (1) milk, orange juice or other carton
- tape
- (2) chop sticks, metal straws, or silverware
- (1) rubber band
- cardboard or plastic
- optional: clear tape

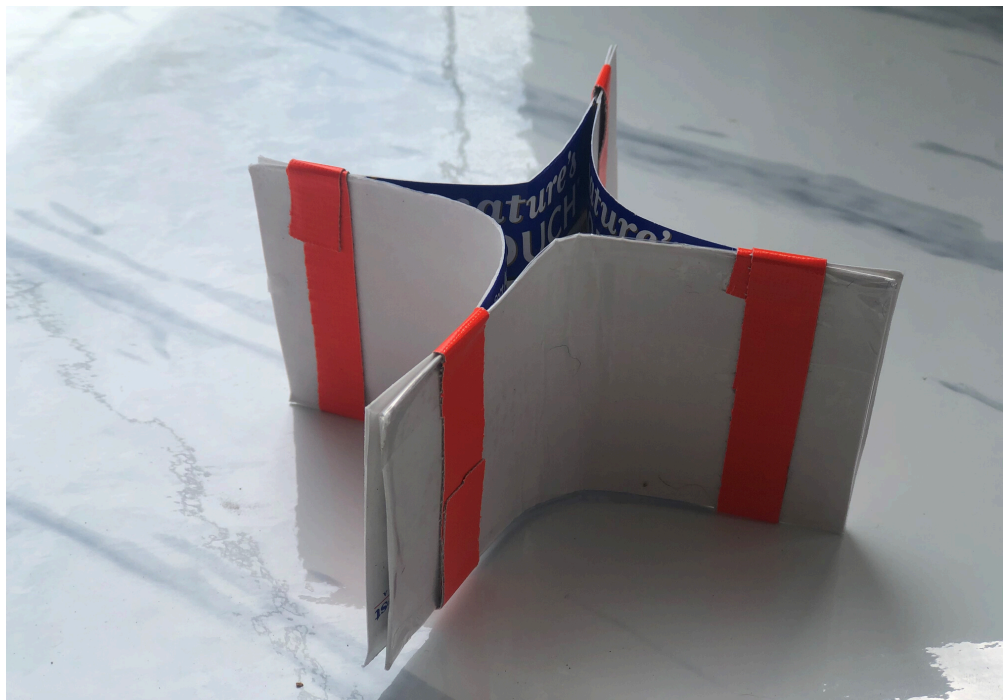
Step One:



- Cut your cardboard/plastic into 4 rectangle shapes.

Optional: if you were not able to find plastic for your propellers "waterproof" your cardboard with packing tape.

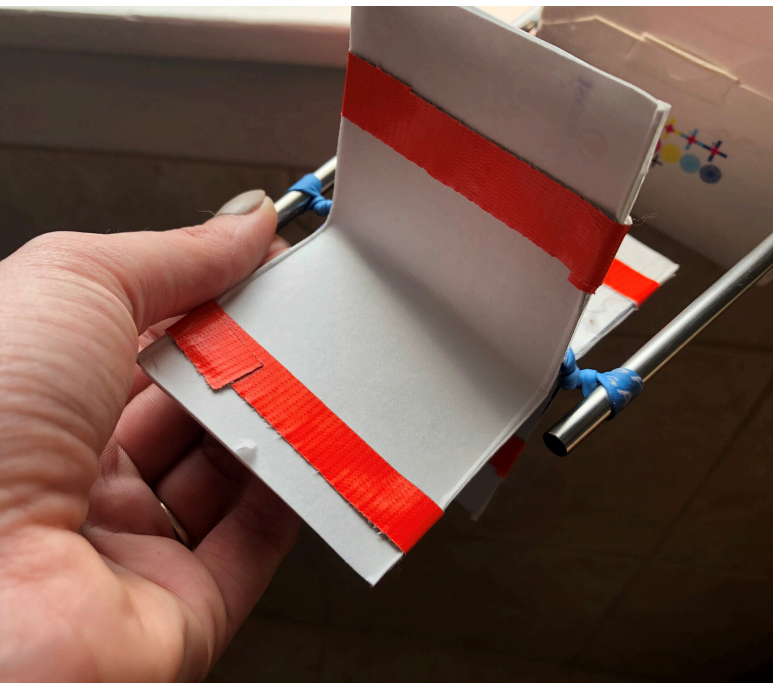
- Attached the rectangle pieces with the tape end to end to create this shape.



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Step Two:

- Attach your metal straws to the sides of your milk carton with about 2/3 of the straw sticking out the bottom.



Step Three:

- Stretch the rubber band on the two metal straws.
- Flattening your propeller out place it in-between the space your rubber band creates.
- Open your propeller back up to its "star" shape.

Step Four:

Your boat should look a little like this.

- "Wind" up your propeller by twisting it in the opposite direction you want the boat to move.
- Set your boat in the water at watch it swim!

