

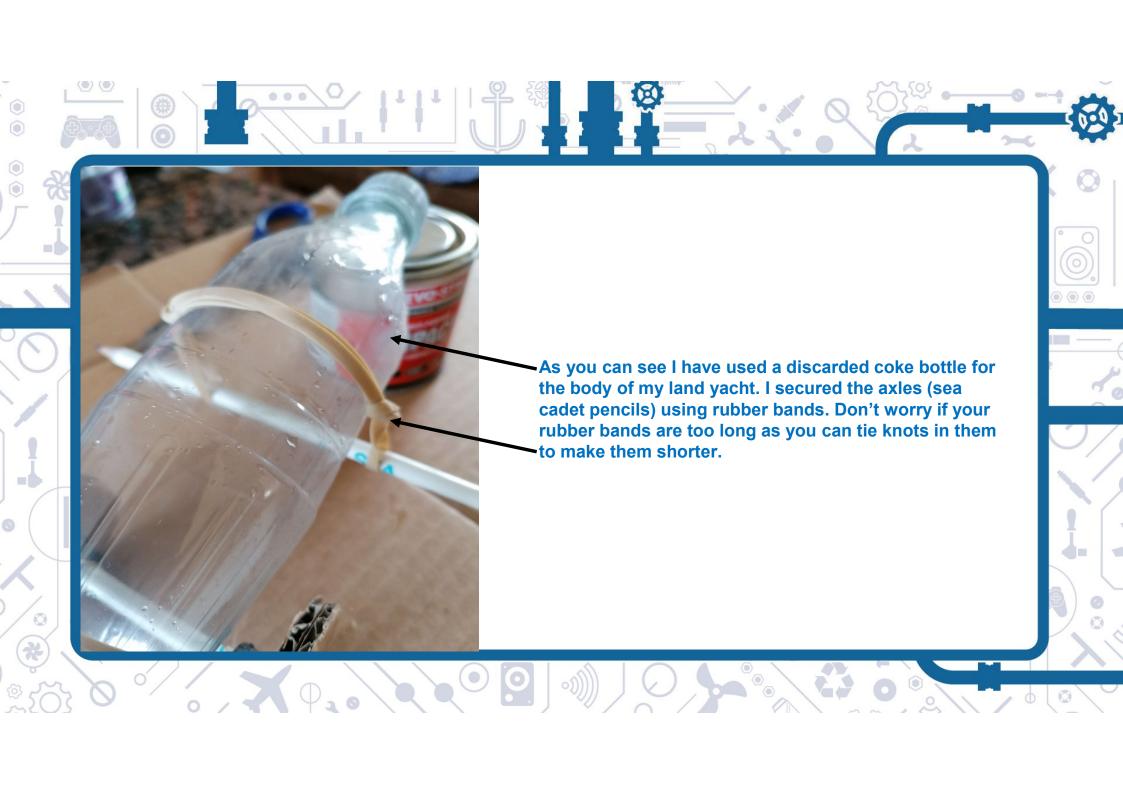


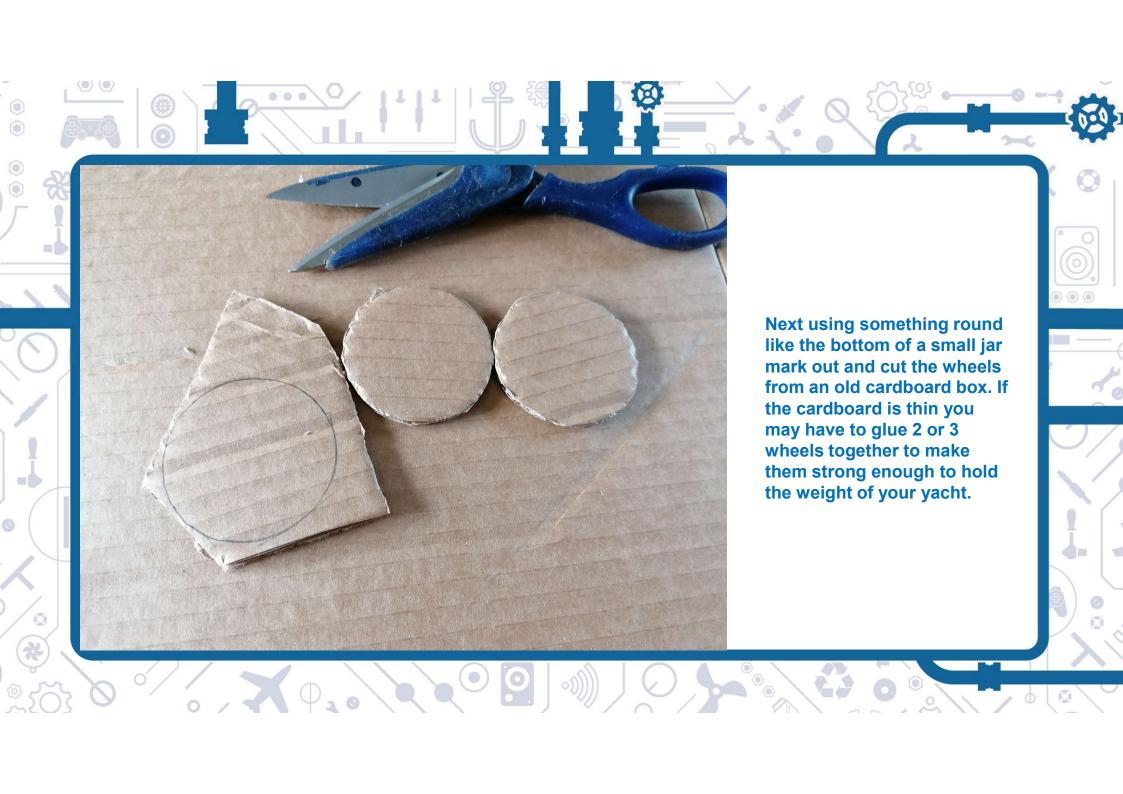
How far and how straight will your Land Yacht travel on just one breath

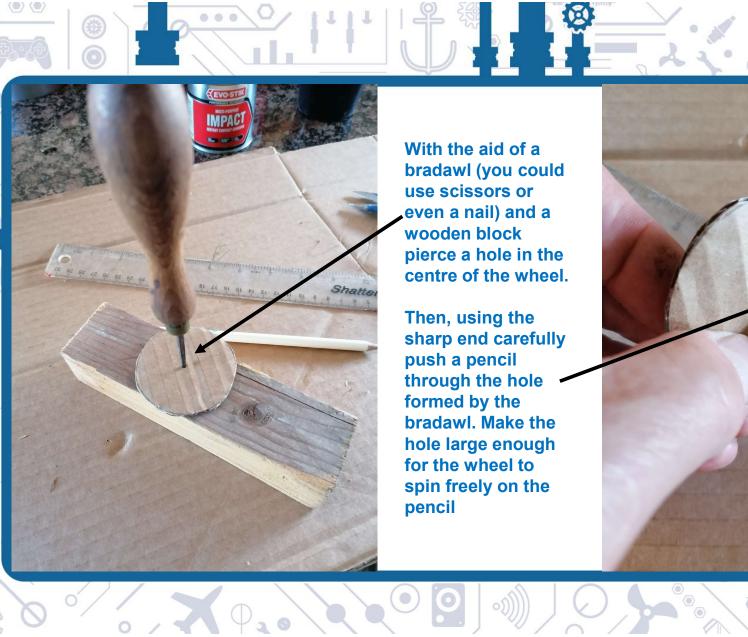
What you will need:

- Plastic bottle
- Elastic bands
- 2-3 pencils
- Cardboard
- Cardboard tubes (you will make these)
- Cardboard strips (you will make these)
- Skewer, knitting needle (if you have one)
- A4 Paper
- Cellotape
- Coins for ballast weight



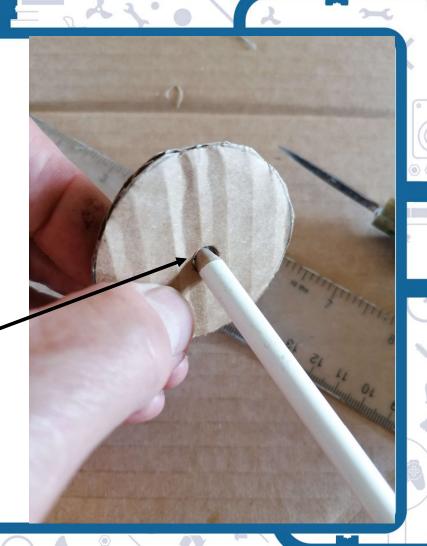


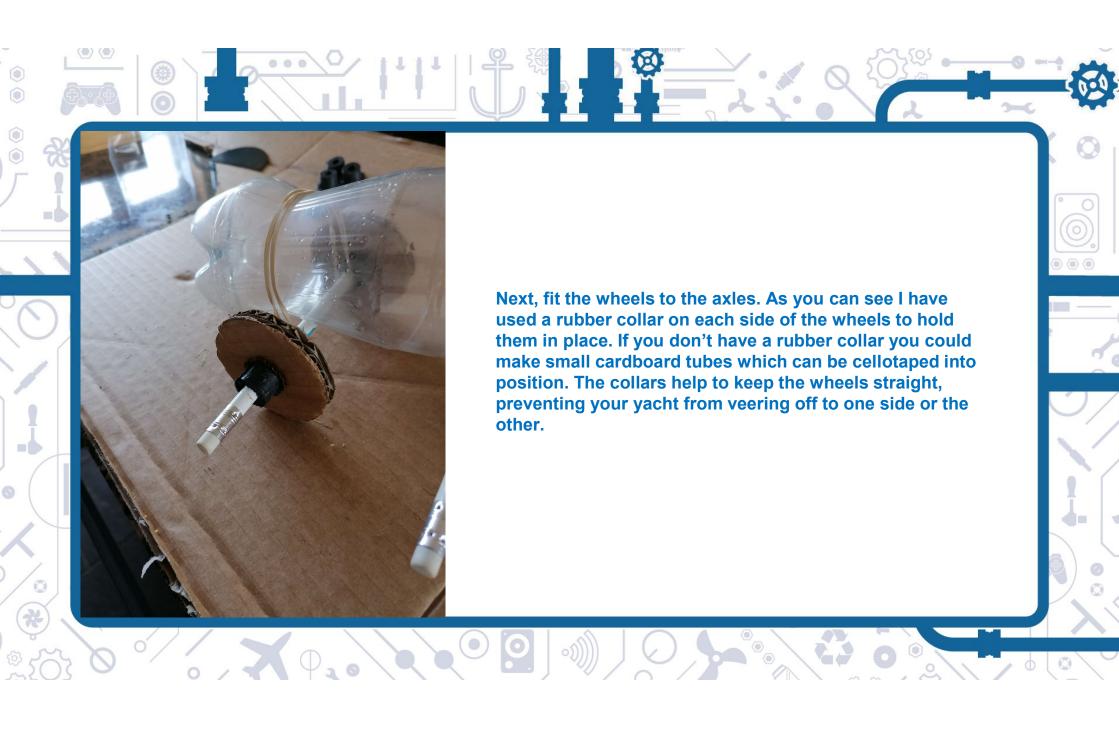


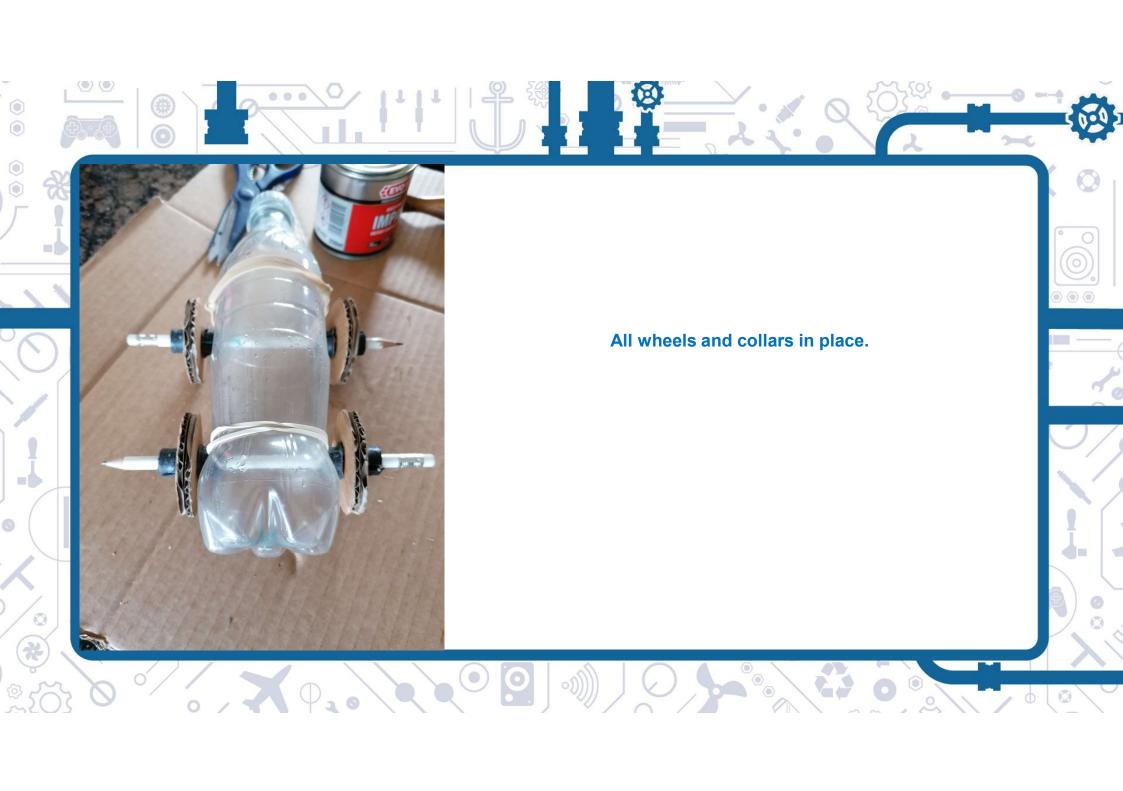


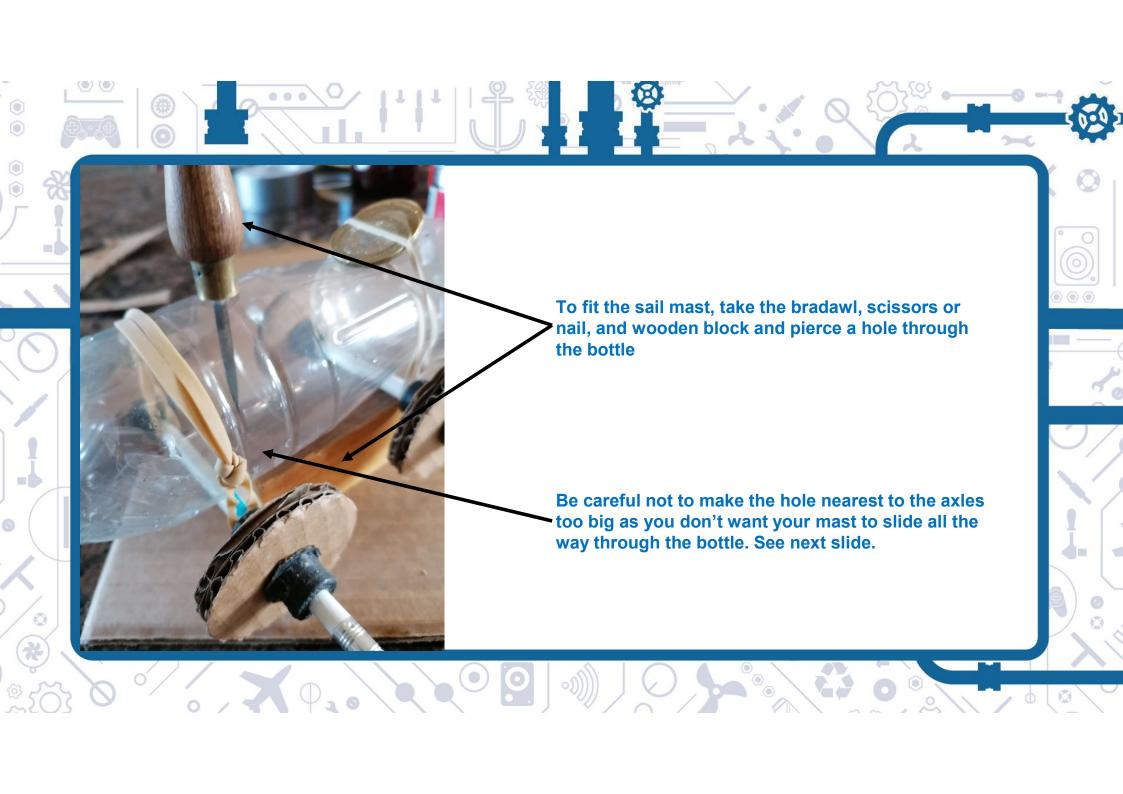
With the aid of a bradawl (you could use scissors or even a nail) and a wooden block pierce a hole in the centre of the wheel.

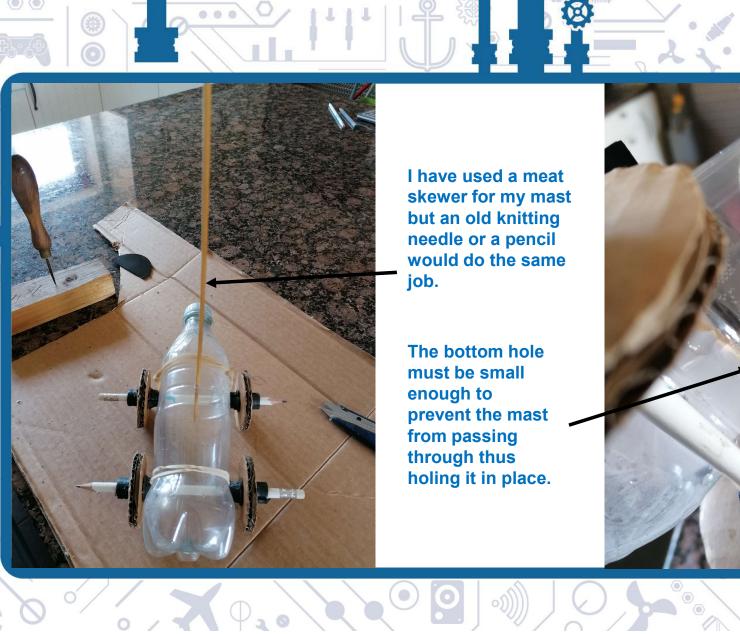
Then, using the sharp end carefully push a pencil through the hole formed by the bradawl. Make the hole large enough for the wheel to spin freely on the pencil







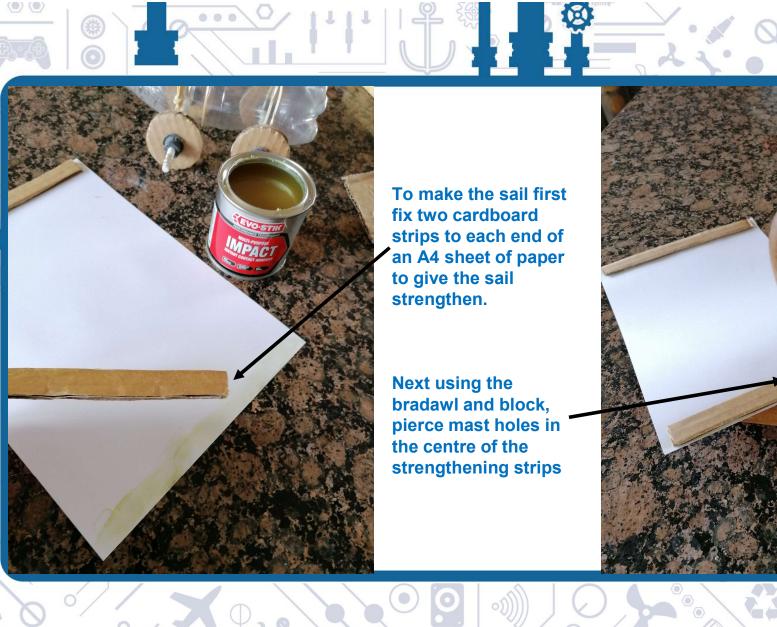




I have used a meat skewer for my mast but an old knitting needle or a pencil would do the same job.

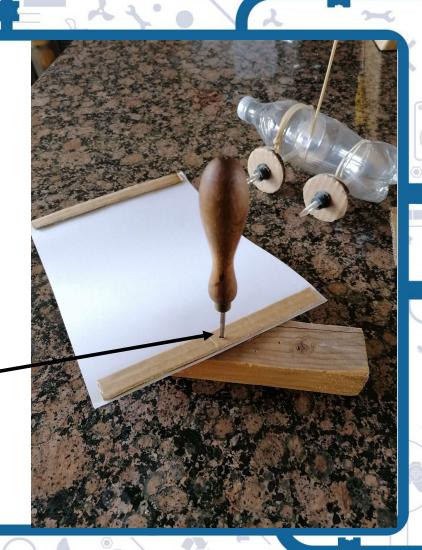
The bottom hole must be small enough to prevent the mast from passing through thus holing it in place.

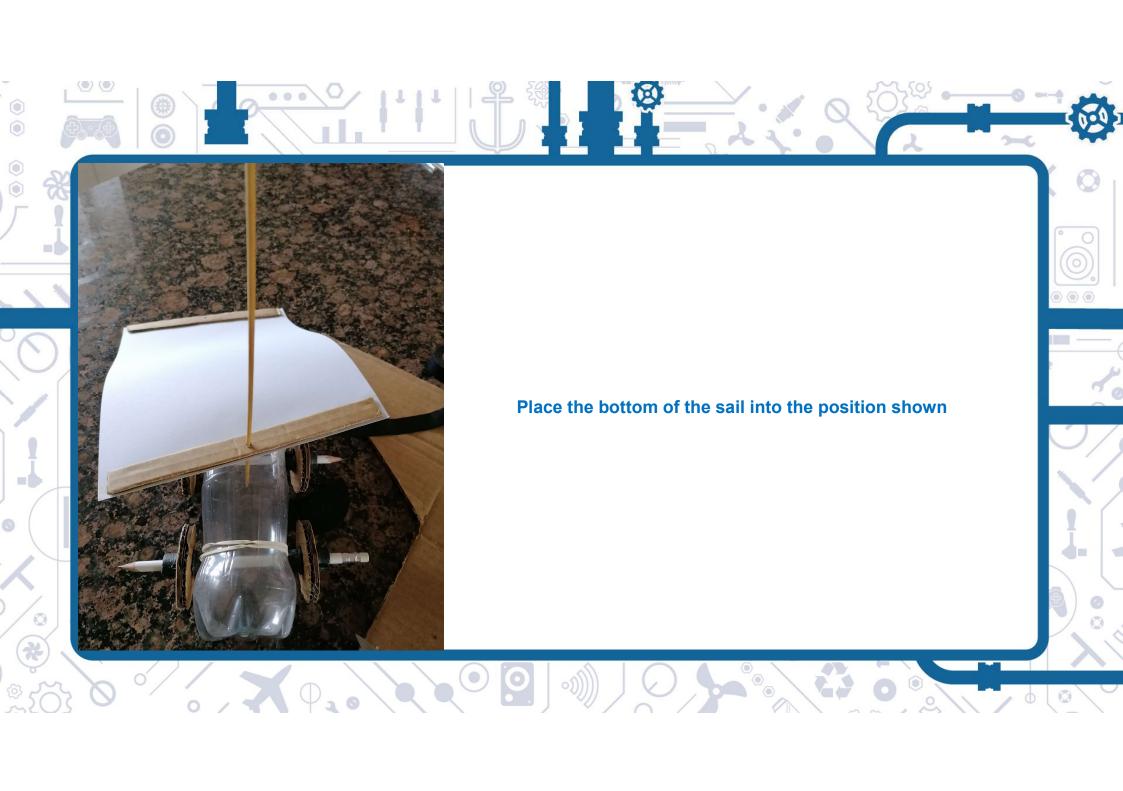


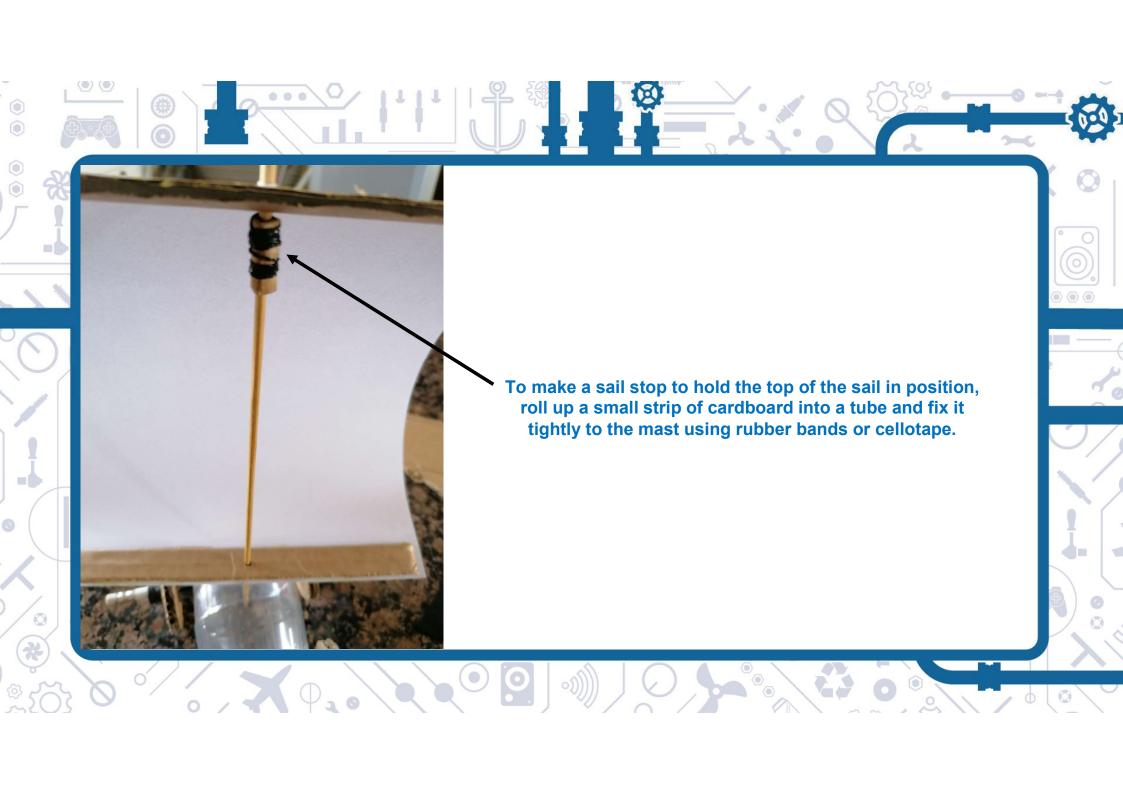


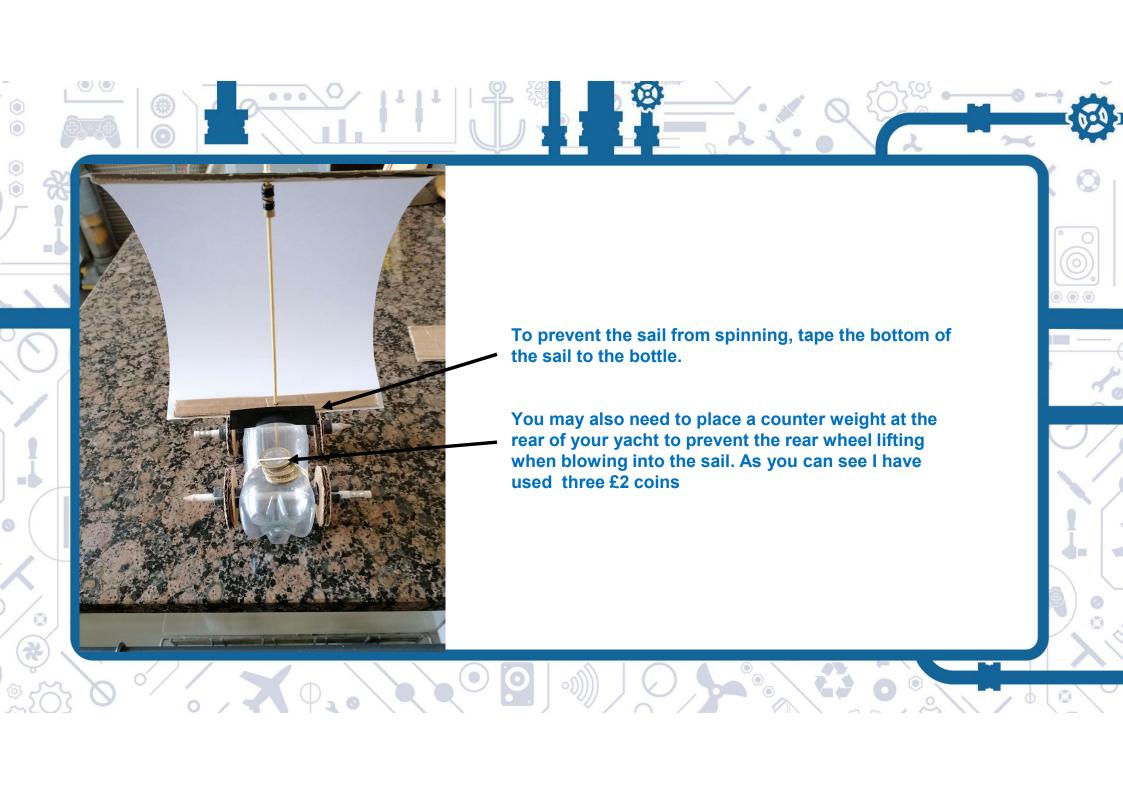
To make the sail first fix two cardboard strips to each end of an A4 sheet of paper to give the sail strengthen.

Next using the bradawl and block, pierce mast holes in the centre of the strengthening strips











TESTING

To test your land yacht place it on a long flat surface, a table top usually dose the job. Next point it in the direction you want it to travel then take a deep breath and blow into the sail.

How far did your yacht travel?

Did it travel in a straight line or veer off to one side? Did the wheels spin freely.

What adjustments can you perform to make it travel further, faster and straighter?

Good luck but more importantly, have fun.