

Setting Sail

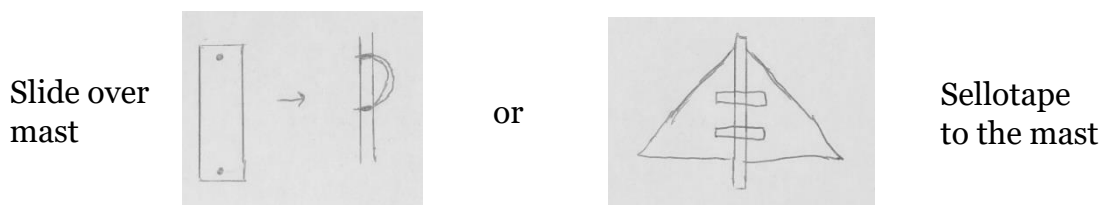
Make a ship and see how quickly you can get it to sail along a table.
Experiment and find out which type of sails will make your ship fastest.

Get creating– it's time to set sail!

You will need:

Paper, scissors, sellotape, glue, drinking straws or rolled up pieces of paper, timer and a smooth flat surface e.g. a table.

- 1) Cut around the thick black line of your ship template. Colour it in if you like. If you can't print out the template, design and cut out your own.
- 2) Fold it along the dotted lines.
- 3) Apply the glue to the areas marked glue and stick your ship together.
- 4) Design the sail for your ship. You can have more than one sail.
- 5) Cut out sails and decorate if you wish.
- 6) Attach your sails to the straw mast. If you don't have a straw, roll a piece of paper around a pencil, to make a tube. Wrap tape around each end and remove the pencil. You can have more than one mast.



- 7) Attach the mast(s), using sellotape, to the base of your ship
- 8) Find a table, or smooth surface and set up a start and finish line
- 9) Ask someone to time you then place your ship on the start line. Blow your ship along the table. How long did it take?
- 10) Can you make your ship even faster? Try different sizes, designs or number of sails.

