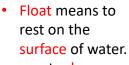


Design Brief: To make a small boat which can float on water.

- Gravity pushes the boat downwards and buoyancy pushes it upwards.
- The sailboat moves when the force of wind pushes on the sail and the boat moves.



- Sink means to drop lower than the water.
- Whether something floats or sinks, it depends on its density.
- Heavy objects may not always sink.
- Large objects may not always sink.

To be able to float on water for two minutes. To have a sail.

To be able to move across the water when wind it applied.

Design criteria:

- To look attractive to the audience (Year 1 children) so that it would be picked off a shelf in a toy store e.g., colourful.
- Can hold a small toy on the deck of the boat.



Lolly stick boat:

- Lay 8 regular paddle lolly sticks on the top of the 2 base layers and glue in place.
- Separate the paddle lolly sticks in the middle and glue a stick in place.
- Glue a paper sail to the vertical stick.

Cork boat

- Lay three corks next to each other and secure with two elastic bands.
- Glue a piece of card to the top of corks to add a deck to the boat.
- Pierce your mast with a toothpick and add a sail.

Straw boat

- Line up approximately 12 straws by laying it adjacent to the edges.
- Use a hot glue gun to stick a piece of straw across the top and bottom of them.
- Add another straw to the top and bottom for support.



Evaluations should reflect what you did well and what you want to change.