

# Year 1: Rescue Boats

**Design Brief:** To design and build a rescue boat.

## Research / Investigate

What is the purpose of a rescue boat?

What are the challenges for rescue boats?



## Design

What material do you think would be best for making our boats?

What features would this material have?



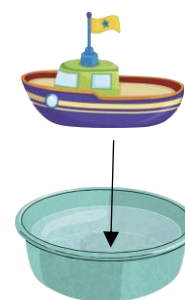
## Make

- We will use appropriate materials to construct the rescue boat.
- We will decide the best way to join parts of the boat together.
- We will identify how to make my boat more stable.



## Evaluate

- We will trial our products, evaluating how well we have solved the problem and evaluating the success against its design criteria.
- We will explain what could be changed to improve the product.



What improvements could be made to make your boat buoyant /stable / waterproof?

Key Word	Definition
Floating	To stay above the surface of water
Sinking	To go down below the surface of water
Bow	The forward part of the hull of a <i>boat</i> , the point that is usually most forward when the boat is moving.
Hull	A hull is the watertight body of a boat.
Waterproof	Will keep water out.
Water resistant	To not absorb water but repel it.