



# Floating Boats (Structures)

We are learning to make a boat that floats following a design.

A floating structure needs to be stable and strong.

Boats can be made effectively using a variety of materials and shaping methods.



**What have we already learnt?**  
The children have had experience of exploring floating and sinking in Reception. They have also explored how materials can have different properties during their previous unit of DT work.



In order to test your boat effectively you need to add a load.



To stop a boat from sinking or leaking you need to explore and use materials that float and are waterproof.

Vocabulary	Definition
waterproof	Something that keeps water out
float	An object that is less dense than the water so it sticks out of the water
stable	Something that will not topple over
absorb	To take in or suck up
balance	To maintain a controlled position
construct	To build or make something