

What is the best material for a toy boat?

Key Vocabulary

object	A thing that you can see or touch but that is not usually a living animal, plant, or person
material	anything used for building or making something else
hard	Not easily broken or bent
soft	If something is soft, it is easy to cut, fold or change the shape of
shiny	Reflects light easily
dull	Doesn't reflect light. Doesn't look bright or shiny

Key Facts

- Stretchy materials can be pulled without breaking, like elastic bands.
- Shiny materials reflect light, like tin foil.
- Rough materials feel bumpy when you touch them.
- Waterproof materials don't let water through them, like your raincoat!
- Materials can have more than one property. It is important to think about all of the properties to find the best material for the job.
- Objects can be made from more than one material.

Key Questions

- Is the material stretchy or stiff?
- Is the material shiny or dull?
- Is the material hard, soft, rough or smooth?
- Is the material bendy?
- Is the material waterproof?
- Which materials are waterproof and would be suitable for a toy boat? Why?

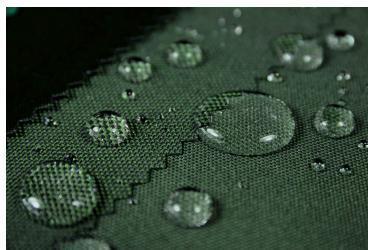
Links to other Learning

- EYFS - ELG: The Natural World
Explore the natural world around them
- Year 2 - Everyday materials
Identify and compare the suitability of a variety of everyday materials
- Design and Technology
Using materials that are fit for purpose



Shiny objects reflect light

Waterproof materials don't let water in



Famous Scientist

Charles Macintosh
1766-1843

Charles Macintosh was a British scientist and inventor. He is the inventor of waterproof fabric. His fabric was used to make the Mackintosh coat.

