



Y1 Thinking like a scientist

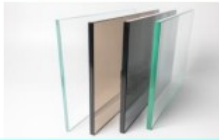
Materials 2

Key Knowledge:

- To understand that different materials are suitable for different purposes.
- To know which materials to use when building a structure

Materials which are suitable to use to build a window.

plastic



glass



Objects which are made from cotton.



trousers



t-shirt



jacket



bag

Clothing which is suitable to wear in wet weather.



rain jacket



waterproof trousers



wellington boots



rubber gloves

Materials which are suitable to make a house from.



bricks



timber frame



breeze block

Key Vocabulary

material	anything that is used to make something else
waterproof	Does not allow water to pass through it
absorbent	Can soak up liquid
strong	Does not break easily
transparent	Allows light through so that you can see clearly
opaque	Does not allow light through
suitable	Right for the purpose

Learning Questions

Can I build a structure strong enough to withstand wind?

Can I build a waterproof structure?

What are the properties and uses of glass?

Understand that materials are used to create a variety of furniture

What are the properties of a range of fabrics?

What are the uses of materials and why are they suitable?

Waterproof materials



These materials do not let water in



Materials which are absorbent.

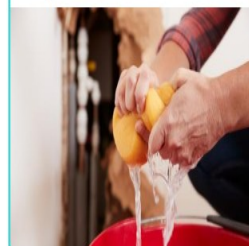


sponge



cloth

Objects which absorb water



Objects which repel water

