



Lesson Sequence



1. Build a structure strong enough to withstand wind



2. Build a waterproof structure



3. Understand the properties of lass and its uses



4. Understand that materials are used to create a variety of furniture



5. Explore a variety of fabrics and understand their different properties



6. Explain the uses of materials and why they are suitable

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

Objects which are suitable to use in windy weather.



windsock



windbreaker



wind turbine



wind toy



windmill

Materials which are absorbent.



sponge



cloth

Rocket Words

strong	not easy to break
clay	a natural material found in the ground
brick	a hard material that is used to build walls
roof	the top of a house
slate	a natural material found in the ground and is used to build roofs
window pane	the glass in a window
window frame	the outer part of the window that holds the glass in place
cotton	a type of soft fabric which is often used to make clothes

What I already know:

Reception

- ☐ I know that some materials change shape
- ☐ I can describe the properties of different materials

What I will learn now:

Year 1

- ☐ I can tell the difference between an object and the material from which it is made
- ☐ I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- ☐ I can describe the simple physical properties of a variety of everyday materials
- ☐ I can compare and group together a variety of everyday materials on the basis of their simple physical properties

What I will learn next:

Year 2

- ☐ I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- ☐ I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching



Circle the objects which are made from cotton.



Circle the clothing which is suitable to wear in wet weather.



Circle the materials which can be used to make a house.



Circle the objects which are suitable to use in windy weather.



Circles the materials which are non-absorbent.

