

# Year 1 Science - Spring Unit of Learning: Exploring Everyday Materials 2

**Prior learning:** Pupils have previously learnt about materials through their understanding the world strand of the EYFS curriculum and part 1 of the Year 1 Materials unit.

## Lesson Sequence



1. Build a structure strong enough to withstand wind



2. Build a waterproof structure



3. Understand the properties of glass 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 suitable to use in windy weather.



windsock

windbreaker



wind turbine

wind toy



windmill

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

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

As children of God we are loved, we are called, and we are inspired.



# Year 1 Science Spring Unit of Learning: Exploring Everyday Materials

**Prior learning:** Pupils have previously learnt about materials through their understanding the world strand of the EYFS curriculum.

## Lesson Sequence

**1. Identify and name a variety of everyday materials**

**2. Distinguish between an object and the material it is made from**

**3. Describe the properties of everyday materials**

**4. Identify objects that are natural and those that are manmade**

**5. Predict and identify if an object will float or sink**

**6. Explore which materials are best for different objects**

### Natural objects



### Man-made objects



### Objects floating



### Objects sinking



### Objects which absorb water



### Objects which repel water



### Opaque

### Transparent



### Different Materials

### Objects made from Materials



fabric

shirt



metal

bolts



wood

chair



plastic

bottle

## Rocket Words

Material	Anything that is used to make something else
Fabric	A piece of cloth
Wood	A material that comes from trees
Plastic	A man-made material that can be melted to change its shape
Metal	A shiny and strong material that is found in the ground
Property	A characteristic of something
Opaque	Not letting light pass through
Transparent	See through

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