

Knowledge

- Identify and name, a variety of different materials such as wood, metal, glass, plastic and rock.

-Identify the object and the material it is made from

- All objects are made from materials.
- Materials can be made into many different objects, from spoons made of plastic, wood or metal or any combination of the three, to more complex objects.

Materials

Wood: A hard material that forms the main part of the trunk or branches of a tree.



Plastic: A material that can be shaped easily.



Metal: A material that is usually shiny.



Glass: A hard, transparent material that can easily be broken



Fabric: A material that is made by knitting fibres. It is usually soft.



Working scientifically:

- Identifying and classifying
- Observing closely, using simple equipment.
- Performing simple tests
- Gathering and recording data to help in answering questions.
- Using their observations and ideas to suggest answers to questions.



Science

Year 1

Autumn 2

Materials



Vocabulary

Word	Definition
Material	What an object is made from
Properties	A thing or things belonging to an object. E.g. the properties of wood is that it is hard and rough.
Soft	A material that feels gentle to touch
Hard	A material that does not easily change shape
Shiny	A smooth surface that can reflect light
Dull	Not clear, bright or shiny
Rough	An uneven surface
Smooth	An even surface
Transparent	Materials you can see through
Opaque	Materials you cannot see through
Absorb	When liquid is taken in by a material
Float	When an object stays on top of the water
Sink	When an object falls to the bottom of the water

What happens to water when you put it in the freezer?

What happens when an object floats?

Which material is best for curtains?

Are all rocks the same?