

Year 1 Science Knowledge Organiser – Materials

Selected Vocabulary and Definitions

Object	A thing that can be used. For example, a door, window and a chair are objects.
Materials	What an object is made from.
Hard	Not easily broken or bent. be seen through
Soft	Easy to cut, fold or change the shape of.
Stretchy	Can be pulled to make it longer or wider without breaking.
Shiny	Reflects light easily
Rough	Feels and looks uneven and bumpy
Smooth	No lumps or bumps Bendy Can be folded easily
Waterproof	It keeps water out, keeps things dry
Absorbent	Soaks water up
Transparent	Can be seen through
Opaque	Cannot be seen through

Curriculum Objectives

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

Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.

Describe the simple physical properties of a variety of everyday materials.

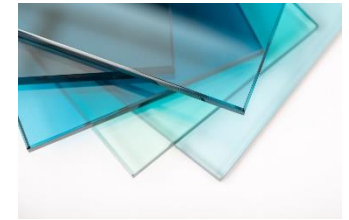
Compare and group together a variety of everyday materials on the basis of their simple physical properties.

Key Knowledge

Materials

Types of materials	Glass Wood Metal Fabric Plastic Rock
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Name 5 different materials that objects are made from.



Why is glass the best material for windows?

How are wood and metal similar?

