

Materials - Year 1



How you can help at home:

Look at different materials in the environment. Can they say what it is made of? Can they describe it?

Sticky Knowledge:

Discuss what a sculpture is
What materials you would use for sculptures
Thinking about techniques for sculptures
Compare and group together a variety of everyday materials on the basis of their simple physical properties. Describe the simple physical properties of a variety of everyday materials.

Prior Learning

Discussion about textures and different materials.

Future Learning

Identify and compare suitability of different everyday materials for particular uses.

Understand that solid objects can be changed by squashing, bending, twisting and stretching via an experiment.

Key Vocabulary

Definition

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Rigid/stiff	Unable to bend or be forced out of shape; not flexible.
Bendy	Capable of bending; soft and flexible.
Flexible	Capable of bending easily without breaking.
Transparent	Allowing light to pass through so that objects behind can be distinctly seen.
Translucent	Allowing light, but not detailed shapes, to pass through; semi-transparent.
Opaque	Not able to be seen through; not transparent.
Absorbent	Able to soak up liquid easily.
Waterproof	Covered or treated with a material to prevent water coming
Dull	Lacking brightness, vividness, or sheen.
Shiny	Reflecting light, typically because very clean or polished.