

KS1 – Lesson Plan 5

What are objects made from, and why?

Aim: To explore everyday materials and their properties.	Key Words: Material, wood, metal, plastic, soft, hard	Preparation: • Everyday objects made from different materials (e.g., a plastic bottle, metal spoon, wooden block, fabric cloth) • Sorting trays or baskets • Labels or flashcards of material names
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Prior Learning: Basic understanding of objects around them.

Warm-up:

Begin by showing children a selection of everyday objects (e.g., a plastic bottle, a metal spoon, a wooden block). Ask them what they notice about each object and encourage them to touch and describe what it feels like (e.g., soft, hard, smooth).

Main Teach:

1. **What Are Materials?** Explain that everything around us is made from different materials like wood, metal, plastic, and fabric. Show examples and discuss what each material feels like and looks like.
2. **Why Do We Use Different Materials?** Talk about why certain materials are used for different objects (e.g., a spoon is metal because it's strong, a pillow is fabric because it's soft). Ask children to think about why some things are made from certain materials.

Activity:

Material Sorting: Set up trays or baskets for different materials (wood, plastic, metal, fabric). Provide children with a selection of small objects and have them sort the objects into the correct basket based on the material. Discuss why each object belongs in that group.

Extension Challenge:

Material Hunt: Children go on a "material hunt" around the classroom or home, finding objects made of different materials. They report back on what they found and how each material is used.

Plenary:

Gather the children and review the objects they sorted. Ask them to explain why they put certain objects into each group. Discuss how each material is useful for different things. End by asking children to share their favourite material and why they like it.

ART	Create a material collage by sticking pieces of different materials (paper, fabric, cardboard) onto a large sheet to make a textured artwork.
D.T.	Build a simple structure using different materials (e.g., a small tower using wooden blocks, plastic cups, or paper). Discuss which materials are best for building and why.