

Knowledge Mat: Use of Everyday Materials

Subject Specific Vocabulary:

force	A strength or power placed upon an object.
repel	To move something back by force.
absorbent	Able to soak up another substance or liquid.
waterproof	Able to resist water
properties	The qualities of an object or material; what it can do.
invention	To make or design something new.

Key knowledge:

- To change the shape of an object, you must always apply a force to it. Materials can change shape by squashing, bending, twisting and stretching.
- Tarmac was named after road-builder John Macadam and a raincoat (mac) was named after inventor Charles MacIntosh.
- Different materials are used to create everyday objects according to their properties.

material		uses
wood		window frames, furniture, buildings, floors
metal		furniture, buildings, statues, pipes, jewellery
plastic		containers, toys, bags, pipes
brick		walls, floors
rock		roads, garden paths, floors, kitchen tops
paper		toilet roll, writing paper, newspaper, cardboard
glass		drinking glasses, windowpanes, television screens

Books you might like:



What I've learnt previously:

Objects are made from materials. Materials can be grouped by their physical properties.

This will help me to:

Understand why objects are made from materials