



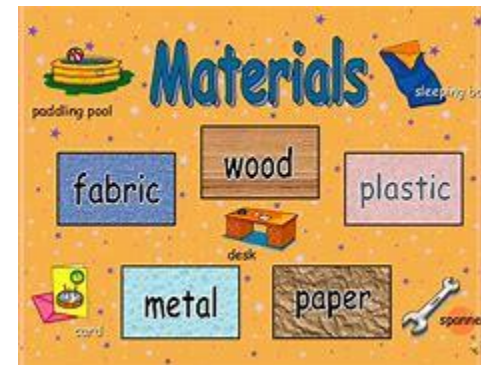
# Science – Everyday Materials Knowledge Organiser - Coleman Primary School (Year 2 Autumn 2)

## In Year One you were...:

- Learning to identify and classify
- Gathering and recording data
- Using their observations to suggest answers to questions

## You will learn .....

- To know different everyday materials – wood, metal, plastic, glass, brick, rock, paper, and cardboard
- To know the uses of different everyday materials
- To know which properties make some materials suitable and unsuitable for different purposes
- To know what John McAdam invented



## Properties of Materials

Materials have different properties, Are they rigid, flexible, transparent or elastic.

**Elastic** materials are able to stretch then go back to their original shape.

Elastic bands



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What can you find in your classroom that is elastic?

Loom bands



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**Flexible** materials can bend easily.



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**Rigid** materials are stiff and hard to bend.



Metal can be rigid

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Bricks are made from clay and are rigid

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A glass jar is rigid



How many things can you find in your classroom that are rigid?

**Transparent** means you can see through it.



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## Vocabulary

Material	Something that an object is or can be made from eg a saucepan can be made from metal.
Properties	The characteristics of a material, eg glass can be transparent, transparent is the property

## Key Words:

material ,properties, wood, metal, plastic, glass, brick, rock, Fabric, paper, metal, pottery, cardboard, cold, warm, flexible, rigid, hard, soft, shiny ,dull, squishable, stretchable

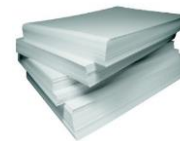
## Suitable Materials

Would these materials be suitable for making these items?

Would you make a tea pot out of chocolate?



Would you make wellington boots out of paper?



Would you make a chair out of jelly?



## John McAdam .



## In Year Two you will be ....

- Identifying and classifying
- Gathering and recording data to help in answering questions
- Using their observations and ideas to suggest answers to questions