

# Everyday Materials

## Year Two Knowledge Organiser



Could you use everyday materials to make anything?

|             | Key Vocabulary  | Start | End |
|-------------|---|-------|-----|
| Material    | Materials are what objects are made from.   |       |     |
| Flexible    | Can change shape easily   |       |     |
| Suitability | Suitability means having the properties which are right for a specific purpose.               |       |     |
| Properties  | This is what a material is like and how it behaves (sofy, stretchy, waterproof)               |       |     |
| Absorbent   | The ability of a material to soak up a liquid   |       |     |
| Permeable   | Water can pass through it.<br>Paper is permeable  |       |     |
| Transparent | Allowing light to pass through so that objects behind can be seen.                            |       |     |
| rRgid       | Unable to bend or be forced out of shape; not flexible.                                       |       |     |
| Opaque      | Not able to be seen through; not transparent  |       |     |
| Durable     | Something that is <i>is strong and lasts a long time without breaking or becoming weaker.</i> |       |     |
| Transulent  | Allowing light to pass through, but not showing clear and distinct images on the other side.  |       |     |

### Properties of Materials



**wood:**  
hard, stiff, strong, opaque, can be carved into any shape.



**glass:**  
waterproof, transparent, hard, smooth.



**plastic:**  
waterproof, strong, can be made to be flexible or stiff, smooth or rough.



**metal:**  
strong, hard, easy to wash.



**paper:**  
lightweight, flexible.



**cardboard:**  
strong, light, stiff.



**fabric:**  
soft, flexible, hard-wearing, can be stretchy, warm, absorbent.



**rubber:**  
hard-wearing, elastic, flexible, strong.