

# Uses of Everyday Materials



## Science

### Term 2



#### What should I already know?

- To know the names of some materials.
- To know that objects are made from certain materials for a specific purpose.
- To know that objects can be made from different materials.

#### What am I going to learn?

##### (Sticky Knowledge)

- To know the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.  
*Observation, identifying and classifying*
- To know and understand the different properties of everyday materials.  
*Observation, identifying and classifying*
- To know how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching some solid materials can change their shape (elastic bands/paper clips/playdough).  
*Observation, identifying and classifying*
- To know how the shapes of solid objects made from some materials can be changed by heating/cooling.  
*Observation, comparative testing, pattern seeking*

#### Key Vocabulary

|            |                |               |
|------------|----------------|---------------|
| Wood       | Plastic        | Wool          |
| Glass      | Metal          | Paper         |
| Brick      | Rubber         | Cotton        |
| Rock       | Leather        | Fabric        |
| hard       | soft           | flexible      |
| rigid      | Absorbent      | Not Absorbent |
| Waterproof | Not Waterproof |               |
| shiny      | dull           | rough         |
| smooth     | Transparent    | Opaque        |
| Bumpy      | Prickly        |               |