

## Important Questions

- 1 What are different everyday objects made from?
- 2 What are the properties of different everyday materials?
- 3 Why are materials used for particular purposes?
- 4 Which objects can be changed by different forces?
- 5 Who has invented new materials that we use in our everyday life?
- 6 What properties would a material need to make a particular object?



## Key Knowledge

- 1 I can name a variety of different everyday materials including wood, metal, plastic, glass, brick, rock, paper and cardboard
- 2 I can describe the properties of various common materials
- 3 I can give examples of where and how these materials are used
- 4 I can suggest why these materials are useful for particular purposes
- 5 I can say how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching
- 6 I can name some materials that have been invented that we use everyday
- 7 I can use what I know about the properties of materials to suggest what a new object could be made of

## Vocabulary

1	Materials	The matter from which something is made
2	Properties	The characteristics of a material
3	Forces – squashing, bending, twisting	Something that causes an object to be pushed or pulled in a certain direction

## Key Skills

- 1 Observing closely using simple equipment
- 2 Identifying and classifying different materials
- 3 Performing simple tests and recording their observations to find the effect of different forces