



Aim high and shine



# Science Knowledge Organiser Year 1

A knowledge organiser lists the necessary knowledge and vocabulary that the children should know by the end of the unit of work. Please work with your child at home to learn this information.



## Necessary Knowledge

- Wood, plastic, glass, metal, water and rock are all materials.
- Objects are things that we can touch and see, and are made from different materials.
- The properties of wood is rough or smooth, metal is shiny or dull, and glass is opaque or transparent.
- The properties of plastic is bendy or stiff, water is hot or cold, and rock is light or heavy.



## Vocabulary

- Objects
- Materials- wood plastic, metal, glass, rock, water
- Properties
- Rough/ Smooth
- Shiny/ Dull
- Bendy/ Stiff
- Transparent/ Opaque
- Hot/ Cold
- Heavy/ Light

## Properties of materials

|             |  |        |  |       |  |
|-------------|--|--------|--|-------|--|
| shiny       |  | dull   |  | rough |  |
| smooth      |  | bendy  |  | stiff |  |
| transparent |  | opaque |  | Hot   |  |
| Cold        |  | Heavy  |  | Light |  |

