# Ashfield Valley Primary School — Year 1- Everyday Materials – Can I compare and group materials based on their properties?

#### Materials are what an object is made from. Objects look and feel different based on what they are made from.

### Key Vocabulary and Knowledge

Man-made – materials created by people.

**Natural** – Materials that exist in nature and are not made by people.

Hard – Not easily broken or bent.

**Soft** – Easy to cut, fold or change the shape of.

**Stretchy** – Can be pulled to make it longer or wider without breaking.

Shiny – Reflects light easily.

Dull – Doesn't reflect light. Doesn't look bright or shiny.

Rough – It feels and looks uneven or bumpy.

Smooth – Smooth objects have no lumps or bumps.

Bendy – Can be easily folded.

Waterproof – It keeps water out. It keeps things dry.

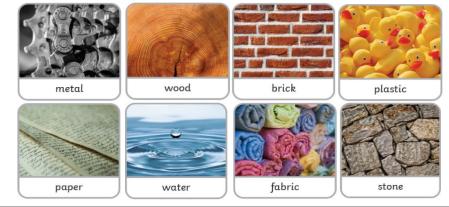
Not waterproof – Not waterproof materials let water in.

Absorbent – If something is absorbent, it soaks water up.

Not absorbent – Does not soak water up.

**Transparent** – Transparent objects can be seen through. **Opaque** – Opaque objects can't be seen through.

## Types of Materials



#### What are objects made from?

- Tables, chairs, desks, benches, and book cases are often made from <u>wood</u>.

- Keys, taps, screws, nails, saucepans and radiators are often made from <u>metal</u>.

- Windows, mirrors, and drinking glasses are often made from <u>glass</u>.

- Bins, toys, bottles and shopping bags are often made from <u>plastic</u>.

- Books, magazines and posters are often made from <u>paper</u>.