

# Science: Everyday Materials

## Construction

### Prior Knowledge:

In EYFS, you will have learnt objects are made from different materials including wood, plastic, metal. Different materials are used for different purposes.

### Future Knowledge:

In Y2, you will learn the shape of some materials can be changed when they are stretched, twisted, bent and squashed.

Can you name an example of a material that is man made?



How is a plastic Lego brick different to a glass window?



### My Component Knowledge:

Lesson 1: I know how to identify a variety of common materials

Lesson 2: I can distinguish between an object and the material from which it is made

Lesson 3: I can describe a material using its properties

Lesson 4: I can describe why some materials are better for some objects than others

Lesson 5: I can carry out an experiment to find out which materials are waterproof

### My Composite Knowledge:

I will be able to identify a variety of common materials

I will distinguish between an object and the material from which it is made.

I will describe a material using its properties

### My Powerful Knowledge:

I can explore, name, discuss and raise and answer questions about everyday materials, becoming familiar with the names of materials and properties such as: hard/soft; stretchy/stiff; shiny/dull; rough/smooth; bendy/not bendy; waterproof/not waterproof; absorbent/not absorbent; opaque/transparent. I will explore and experiment with a wide variety of materials and be really confident about understanding their uses.

### Key Vocabulary

**Tier 1:** Sorting, grouping, same, different,

**Tier 2:** Wood, plastic, stone, metal, fabric, paper, glass, material, hard, soft, stretchy, stiff, rough, smooth, bendy, rigid, waterproof, not waterproof, absorbent, not absorbent

**Tier 3:** Opaque, transparent, physical properties.



Look around you – what materials can you see?

