

Science: Everyday Materials

Construction

Prior Knowledge:

In EYFS, you will have learnt objects are made from different materials including include 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.

It is harder to change the shape of certain materials.



Can you name an example of a material that is



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

My Component Knowledge:

Lesson 7: I can recall what I learned about everyday materials.

Lesson 8: I can identify and record materials used around our classroom.

Lesson 9 I can identify magnetic and non magnetic materials

Lesson 10: I can sort materials into natural and man-made

Lesson 11: I can identify the best building materials for the three little pigs houses.

Lesson 12: can show what I know and understand about everyday materials and how they are used.

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?



