

Year 1

Everyday Materials

National Curriculum

- Distinguish between an object and the material from which it is made.
- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
- Describe the simple physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.

Misconceptions

Not True

- Materials are only fabric.
- Bricks and cement are rocks.
- If something is shiny it has to be metal.

True

- Material is the name given to anything that is real or made of matter. Wood, glass, metal, paper etc. are materials. Energy is not a material.
- Rock is a naturally formed material, not made by humans.
- Some plastics can look like metal. Explain how the properties of a material tell us what it is like.

Big Questions

- What are materials?
- What are things made of in school?
- How can I describe materials?
- Which materials are waterproof and which are not?
- Which materials are transparent and which are opaque?
- What's the best material for the job? Why?

Vocabulary

Absorb
Rough
Smooth
Waterproof
Metal
Plastic

Materials
Properties
Flexible
Transparent
Opaque
Physical

Prior Learning

EYFS - The Natural World

Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

EYFS- Creating with materials

Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Share their creations, explaining the process they have used. Make use of props and materials when role playing characters in narratives and stories.