



Y1 Science: Everyday Materials

- 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.

Prior Learning

- Use all their senses in hands-on exploration of natural materials. (Nursery: Materials, including changing materials)
- Explore collections of materials with similar and/or different properties. (Nursery: Materials, including changing materials)
- Talk about the differences between materials and changes they notice. (Nursery: Materials, including changing materials)

Future Learning

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. (Y2 - Uses of everyday materials)
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. (Y2 - Uses of everyday materials)

What Pupils Need To Know Or Do To Be Secure

- Show understanding of a concept using scientific vocabulary correctly

Key Learning

- All objects are made of one or more materials. Some objects can be made from different materials e.g. plastic, metal or wooden spoons.
- Materials can be described by their properties e.g. shiny, stretchy, rough etc.
- Some materials e.g. plastic can be in different forms with very different properties.

Possible Evidence

- Can label a picture or diagram of an object made from different materials
- Can describe the properties of different materials

Key Vocabulary

Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/ cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see-through