



# Year 1/2 Science Knowledge Organiser: Everyday Materials



## Subject Specific Skills

- 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 Knowledge

- 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)

## Key Knowledge



plastic



wood



metal



water



glass

## Key Vocabulary

- Object:** A thing that can be used. For example a door, chair, car, table are all objects.
- Material:** Materials are what an object is made from. hard Not easily broken or bent.
- Soft** If something is soft, it is 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** If something is rough, it feels and looks uneven or bumpy.
- Smooth** smooth objects have no lumps or bumps. bendy
- Bendy** things can be bent easily into a curved or folded shape.
- Not bendy** If something is not bendy, it can't be bent easily into a curved or folded shape.
- Waterproof** If something is waterproof, it keeps water out. It keeps things dry. not waterproof
- Not waterproof** materials let water in.
- Absorbent** If something is absorbent, it soaks liquid up.
- Not absorbent** If something is not absorbent, it does not soak up liquid.
- Transparent** transparent objects can be seen through.
- Opaque** Opaque objects can't be seen through.

## Key Knowledge- Materials and their uses



brick



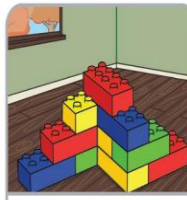
fabric



paper



stone



plastic toys



wooden furniture



metal tools



drinking water



glass window