

What will we be learning?

- 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 based on their simple physical properties.

Key facts

- All objects are made from 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. Some materials e.g. plastic can be in different forms with very different properties.

Materials:



Material properties:

- hard/soft
- rough/smooth
- shiny/dull
- bendy/not bendy
- stretchy/stiff
- waterproof/not waterproof
- absorbent/not absorbent
- magnetic
- transparent/opaque
- squashy
- strong

Key vocabulary

- **Material:** anything used for building or making something else.
- **Material properties:** what a material is like and how it behaves.
- **Suitability:** Right for the purpose because it has the best properties.
- **Making comparisons:** the same as, different from, larder, smoother, roughest etc.
- **Working scientifically:** group, sort, describe, compare, because

Key knowledge – what have you learned?

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Which one of these is NOT an object?

- A a glass
- B a car
- C love

Which word describes a material that feels and looks bumpy and uneven?

- A rough
- B shiny
- C soft

Which of these words means that an object can be pulled to make it longer and wider without breaking?

- A absorbent
- B stretchy
- C rough

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