

Crucial Knowledge

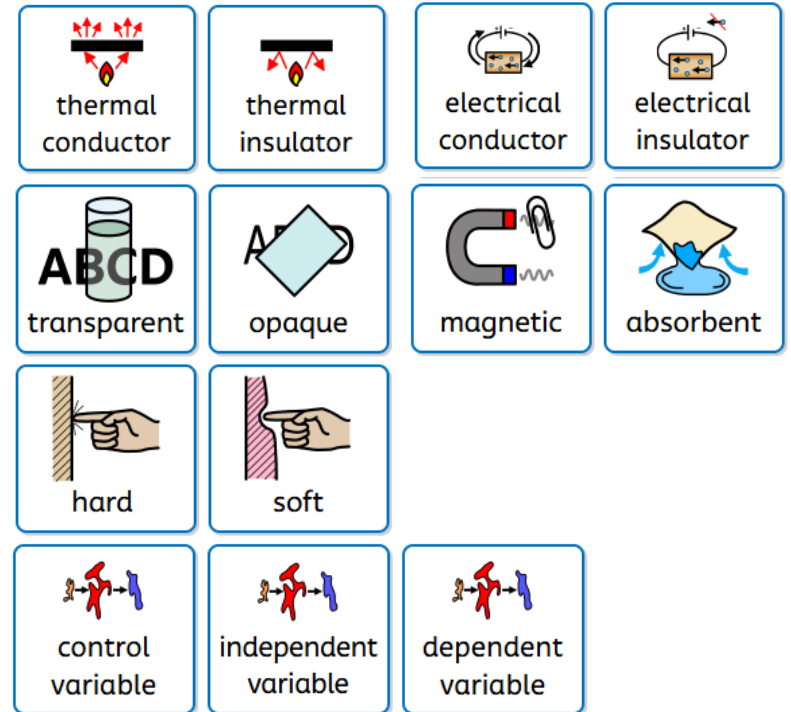
- Properties of materials include hardness, transparency, absorbency, solubility, electrical and thermal conductivity and attraction to magnets.
- Thermal Insulators do not allow heat to pass through easily whereas thermal conductors do allow heat to pass through.
- The different properties of a material make them suitable or unsuitable for different jobs/purposes.

Key Concepts

Materials

Materials are what objects are made of. Materials all have different properties which means they are suitable for different purposes. We can compare and group materials based on their hardness, solubility, transparency, absorbency, conductivity (electrical and thermal), and their response to magnets. We can justify the use of materials for different purposes based on their various properties.

Key Vocabulary



An **independent variable** is the variable you change.

A **dependent variable** is the variable you measure.

A **control Variable** is a variable that stays the same.

Crucial Skills (Working Scientifically Skills)

