

# MATERIALS

Remember to consider the **function of the object** when choosing a material for it.



Glass is transparent.

Some plastics are translucent.

Fabrics are soft.

Wood is not brittle.

Metal is strong.

Rubber is flexible.

Ceramic is waterproof.

Property	Description
Hardness	How easily can it be scratched by other materials?
Strength	How much weight can it support without breaking?
Flexibility	How well can it bend without breaking?
Density	How well can it float on water?
Brittleness	How easily does it break when hit or dropped?
Transparency	How much light does it allow to pass through it?
Waterproof / Absorbency	How much water does it repel? How much water does it absorb?
Weight	How heavy is it?
Compressibility	How easily can it be compressed?