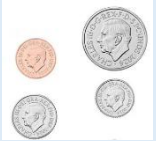




Key Vocabulary

Word	Definition
materials	what objects are made of
suitable	having the properties which are right for a specific purpose
properties	words that describe what a material is like
waterproof	when a material does not let water pass

Some materials are used for more than one thing. For example, metal is used to make all of these things.

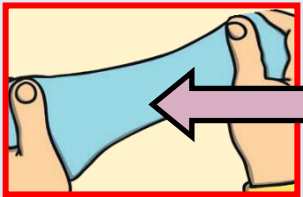


Uses of Everyday Materials

Properties of Different Materials

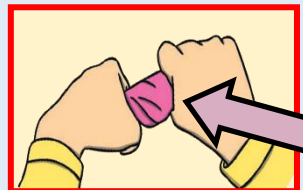
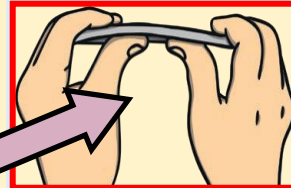
Materials	Properties
wood	hard, stiff, strong, opaque and can be carved into any shape
glass	waterproof, transparent, hard, smooth
plastic	waterproof, strong, smooth or rough, and can be made to be flexible or stiff
metal	strong, hard, easy to wash
paper	lightweight, flexible
cardboard	strong, light, stiff
fabric	soft, flexible, hard-wearing, warm, absorbent, can be stretchy
rubber	elastic, flexible, strong, hard-wearing

Stretching, Bending, Twisting and Squashing



You can **stretch** an object by **pulling** your hands slowly and gently apart.

You can **bend** an object by **grabbing** both ends of the object and **bringing** the ends inwards together.



You can **twist** an object by **turning** your hands in opposite directions.

You can **squash** an object by **pushing** both hands together.



Transparent



Light can travel through easily.

Translucent



Some light can travel through.

Opaque



This material blocks light.