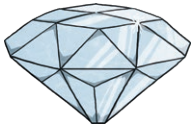
Properties of Materials

hard

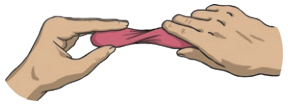
not easily broken or pierced



A hard diamond.

squashy

easily crushed or squeezed



The play dough is squashy.

smooth

an even and regular surface

Some smooth pebbles.

absorbent

able to soak up liquid

The sponge is absorbent.

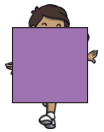
bumpy

uneven, raised patches

This shell is bumpy.

opaque

cannot be seen through



She is hidden by the opaque screen.

dull

lacking shine or brightness

The moth's wings are dull.

brittle

hard, but may break easily

The glass is brittle.

translucent

allowing some light to pass through

The screen is translucent.

Properties of Materials

rigid

unable to be bent or forced out of shape

Stone is rigid.

transparent

can be seen through

This glass is transparent.

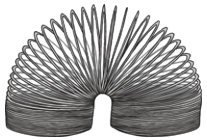
soft

not firm to the touch

The kitten has soft fur.

flexible

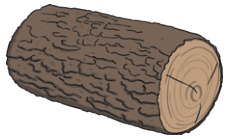
able to bend



A flexible spring.

rough

uneven, irregular surface



The log has rough bark.

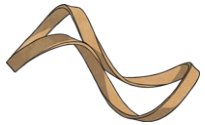
waterproof

repels water and liquids

A waterproof coat.

elastic

springs back once stretched



An elastic band.

shiny

reflects light, smooth surface

A shiny silver spoon.

conductor

lets heat, electricity or sound to pass through it

Some metals are conductors of electricity.

Properties of Materials

electrical insulator

does not let electricity pass through it

Rubber is an electrical insulator.

electrical conductor

lets electricity pass through it

Metal is an electrical conductor

thermal insulator

does not let heat pass through it

Oven gloves are a thermal insulator

thermal conductor

lets heat pass through it

a radiator is a thermal conductor