

Lesson 1



- I can name and identify properties of materials.



Glossary

Flexible – capable of bending easily without breaking

Elastic – able to be stretched without losing its shape

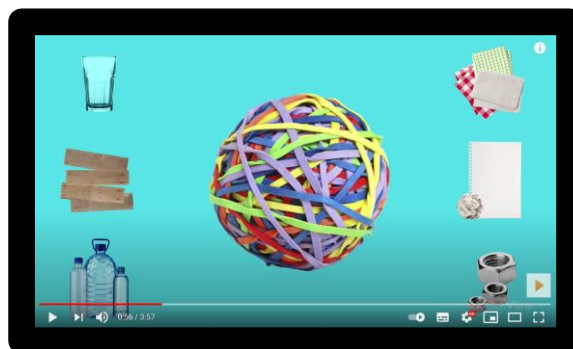
Opaque – Not able to see through

Transparent – allowing light to pass through so that objects behind can be distinctly seen



Watch the video and complete both lists.

[Materials And Their Properties - YouTube](#)



Materials
glass
wood
plastic
.....
.....

Properties of Materials
hard
waterproof
flexible
.....
.....



Feed the starving material monster!

Look around you and find objects made from different materials to feed the monster with. Write them down in the boxes below.



	Can you name the materials?	



Properties of Materials – how can we describe them?

Collect the following objects. How can you change their shape? Tick the correct boxes after you've tried to squash, bend, twist and stretch them.

	squash	bend	twist	stretch
sponge 				
socks 				
coin 				
tissue 				

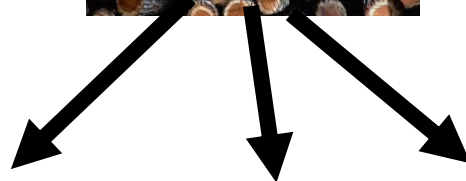
Socks can _____ but they cannot _____.

Coins can neither _____ nor _____.



Use of Materials

Some materials are used for more than one thing. For example, metal can be used to make coins, cans, cars, and table legs; wood can be used to make matches, floors, and _____.



Different materials can be used to make the same object. For example, spoons can be made from plastic, wood or metal, but not normally from glass.



Tick the most suitable materials for the two items below. You may tick more than one. Complete the two sentences below.

	metal	ice	glass	chalk	plastic	wood	fabric
fork							
curtains							

Fork should be made from **metal** and **plastic** because _____

_____.

Curtains should not be made from **glass** because _____

_____.