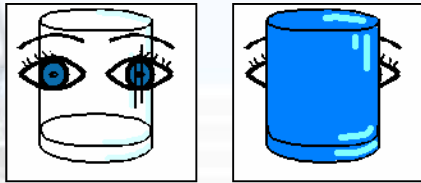
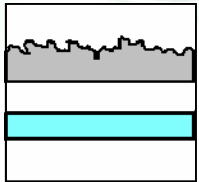


Characteristics of Materials Fact Sheet

How does the **material** look?



Is the **material** transparent or opaque?



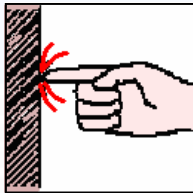
Is the **material** rough or smooth?

Is the **material** heavy or light?

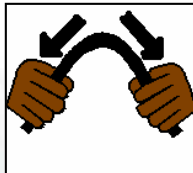


What are you comparing it to?

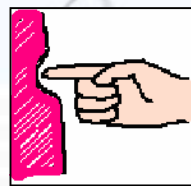
Is your **material**...



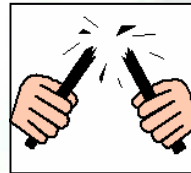
...hard and rigid?



...flexible?



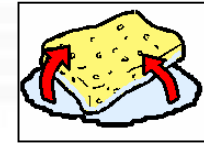
...soft and squashy?



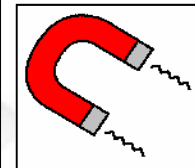
...breakable?



...waterproof?



...absorbent?



...magnetic?



Does your **material** conduct electricity?



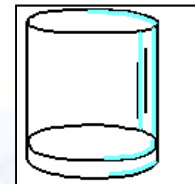
Which **group** does your **material** belong to?



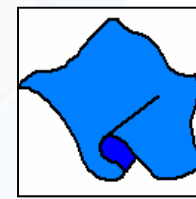
...metal?



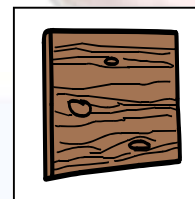
...plastic?



...stone (includes glass)?



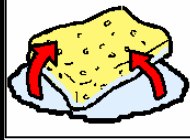
...fibres?



...wood?

Characteristics of Materials Glossary

absorbent - a material that is able to take in and hold liquid



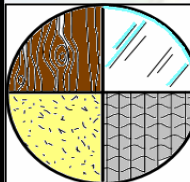
fabric - manufactured cloth made of fibres - sometimes referred to as "material"



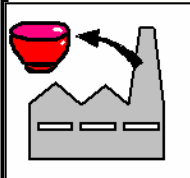
flexible - able to bend easily without breaking



group - materials can be grouped according to common properties e.g. metals, plastics, fibres, wood etc.



manufactured - when a raw material, such as wood, is changed into a new material e.g. paper



non-absorbent or waterproof - does not hold liquid



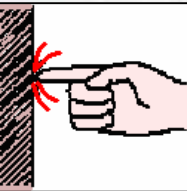
opaque - the property of a material that blocks the light



property - a characteristic of a material e.g. hard, soft, bendy, shiny etc.



rigid - does not bend easily



transparent - lets light through e.g. glass

