#### Linked scientists

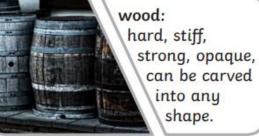
Charles Macintosh - Chemist and inventor of waterproof clothing

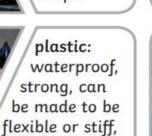
Key Vocabulary				
Material	Materials are what objects are			
	made from			
Properties	This is what a			
	material is like			
	and how it			
	behaves (soft,			
	stretchy,			
	waterproof)			
Transparent	A material			
	which allows			
	light to pass			
	through and			
	that you can see			
	through clearly.			
Translucent	A material			
	which allows			
	some light to			
	pass through but			
	is not clear.			
Opaque	A material			
	which does not			
	allow light to			
	pass. You cannot			
	see through it.			



Topic: Uses of Everyday Materials

#### Properties of Materials





smooth or rough.



glass:

waterproof,

transparent,

easy to wash.









# What I will know by the end of the unit

### The suitability and uses of everyday materials

We use different materials for different objects.

Materials are used for more than one thing-metal can be used for coins, cans, cars and table legs.

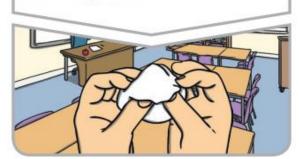


Some objects can be made from different materials — a spoon could be metal, plastic or wooden.

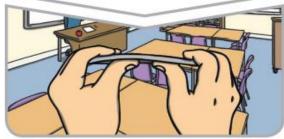


## The shape of some solid materials can be changed

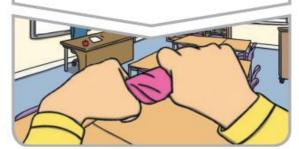
**Squash** an object by pushing both hands together.



Bend an object by grabbing both ends of the object and bringing the ends inwards together.



Twist an object by turning your hands in opposite directions.



**Stretch** an object by pulling your hands slowly and gently apart.

