Science Focus:	Uses of everyday materials	
W	hat? (Key Knowledge)	
	roperties of Materials	
Wood	Hard, strong, stiff	
Plastic	Strong, shiny, bendy	
Glass	Transparent, smooth, stiff	
Metal	Hard, strong, shiny	
Water	Runny, wet, clear	
Rock	Hard, strong	
Use	es of common materials	
Wood can be used for:	Doors, tables	
Plastic can be used for:	Pens, rulers	
Glass can be used for:	Windows, glasses	
Metal can be used for:	Cars, coins	
Rock can be used for:	Garden walls, old buildings	
Brick can be used for:	Houses, walls	
Paper can be used for:	School books, wrapping paper	
Card can be used for:	Folders, birthday cards	
Different	materials for the same thing	
Some objects can be made from various materials	For example, a spoon can be made from: plastic, wood or metal.	
Chang	ging the shape of materials	
Squashing	Crush something so that it becomes flat, soft, or out of shape	
Bending	Changing a straight object so that it is curved.	
Twisting	Change the shape of an object by turning it.	
Stretching	Made longer or wider without tearing or breaking	
Pe	copie we need to know	
John Dunlop	Born in 1840 An expert in rubber Invented the first inflatable tyre	
Charles Macintosh	Born in 1766 Invented the first waterproof fabric The 'mac' raincoat is named after him	
John Maddan	Born in 1756 Maintenant of hullding and to with a	

He invented building roads with a

smooth, hard surface.

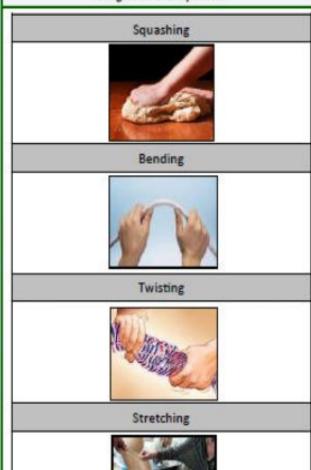
John McAdam

What? (Key Vocabulary)		
Spelling	Definition/Sentence	
Various	Lots of different kinds	
Rubber	A tough material that can be shaped	
nflatable	Can be filled with air	
Fabric	Cloth produced by weaving or knitting	

Spring

Year 2

Diagrams and Symbols



Possible Experiences

- Spot and group the materials you see on the way to school
- Find an object in your house that exists in three or more different material forms
- Find an object that is made from more than three materials