Key Stage 1 Materials and Their Properties

Key Vocabulary		
materials	Materials are what objects are made from.	
suitability	Suitability means having the properties which are right for a specific purpose.	
properties	This is what a material is like and how it behaves (soft, stretchy, waterproof).	

Squash an object by pushing both hands together.



Twist an object by turning your hands in opposite directions.



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



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



Key Knowledge

Properties of Materials

















John McAdam

Key Knowledge			
John McAdam	A Scottish engineer who experimented with using new materials to build roads, inventing a new process called 'macadamisation'.		
Macadamisation	smaller stones gravel large stones McAdam's Road	The name given to John McAdam's contruction process of building roads. The process was so successful that roads all across the world were build in this way. Later on roads were covered in tarmac. Tarmac means a road made like this using tar.	

Historical Information

Roads roads had been made from earth, chalk or clay. When it rained, it made them very messy and difficult to travel on. Some roads were cobbled but this made journeys very bumpy.