




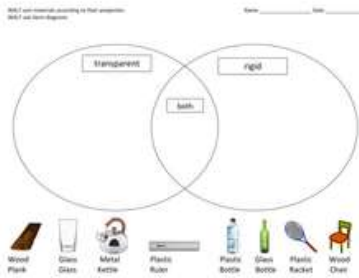


Learning Organiser for Year 1 - Everyday Materials

National Curriculum Summary Key Subject Concept		Key Questions
<ul style="list-style-type: none"> Distinguish between an object and the material from which it is made Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock Describe the simple physical properties of a variety of everyday materials Compare and group together a variety of everyday materials on the basis of their simple physical properties 		<ul style="list-style-type: none"> What is the best material for an umbrella? A dog basket? A gymnast's leotard? Which materials are natural and which are man-made?
Key Vocabulary	Definition	Key Facts
Absorbent	Material that soaks up liquid easily	<ul style="list-style-type: none"> Objects are made from different materials <div style="text-align: center; margin: 10px 0;">  <p>glass metal rock plastic wood</p>  <p>water brick paper fabrics elastic foil</p> </div> Some materials are natural and some are made by humans <div style="text-align: center; margin: 10px 0;">  <p>Natural Materials</p> <p>chalk sand oil leather iron</p>  <p>Man-made Materials</p> </div> Materials have different properties <div style="text-align: center; margin: 10px 0;">  <p>Properties of Materials</p> </div>
Bendy	An object that bends easily into a curved shape	
Brick	Blocks of baked clay used for building walls	
Dull	A colour or light that is not bright	
Elastic	A rubber material that stretches when you pull it and returns to its original size and shape when you let it go	
Fabrics	Cloth or other material produced by weaving threads together	
Foil	Sheets of metal as thin as paper	
Glass	A hard transparent material	
Man-made	Things created by people	
Metal	A hard substance such as iron or steel	
Natural	Things that exist in nature	
Opaque	An object or substance that you cannot see through	
Plastic	A material that is light in weight	
Rock	The hard substance which the Earth is made of	
Rough	Uneven and not smooth	
Shiny	Something bright which reflects light	
Smooth	Something with no lumps, roughness or holes	
Soft	Not rough or hard	
Stiff	Something firm, which does not bend easily	
Stretchy	Slightly elastic	
Transparent	If an object is transparent, you can see through it.	
Waterproof	Something is waterproof if it does not let water pass through it.	
Wood	The material which forms the trunks and branches of trees	

Working Scientifically Skills	Diagrams/Charts/Pictures
<ul style="list-style-type: none"> Identifying and classifying Using their observations and ideas to suggest answers to questions Performing simple tests 	 <p>Map 2 can be used according to the instructions. Map 2 can be used according to the instructions.</p>
Possible Experiences	
<ul style="list-style-type: none"> Use senses to describe objects as shiny or dull Grade a range of materials from shiniest to dulllest or lightest to heaviest etc. Compile a class list or dictionary of words that describe materials. Three of a kind. One person picks three things that have the same property, e.g. they are all rough. The rest of the group/class has to figure out what the property is. Odd one out. As 'Three of a kind' but one thing has a different property e.g. two transparent and one opaque. Explore ways in which we could send an Easter egg through the post safely? Explore materials around the school and how they are used 	