

<b>Science Knowledge Organiser</b>		
<b>Year 2 (2019-20) - Term 3</b>		
<b>Topic:</b>	<b>Uses of materials</b> <i>What is the most suitable material to make...?</i>	

<b>What I will know by the end of the unit :</b>	<b>New vocabulary:</b>		
<ul style="list-style-type: none"> <li>name and identify everyday materials including wood, metal, plastic, glass, rubber, brick, rock, paper, fabric and card.</li> <li>understand different properties such as hardness, strength, flexibility and shininess and compare the properties of different materials.</li> <li>identify suitable and unsuitable materials for different objects and explain why they are unsuitable.</li> <li>sort materials into groups in various ways and explain their groupings.</li> </ul>	examine		
	selection		
	category		
	describe		
<b>Skills/Working Scientifically:</b>		<b>Key words/phrases we will use:</b>	
<ul style="list-style-type: none"> <li>name, identify and hunt for everyday materials including wood, metal, plastic, glass, rubber, brick, rock, paper, fabric and card.</li> <li>list properties of different materials such as hardness, strength, flexibility and shininess.</li> <li>learn that the properties of materials are important to the object they are made from.</li> <li>identify suitable and unsuitable materials for different objects and explain why.</li> <li>classify materials sorting them into groups in a variety of ways.</li> <li>use reference materials to find out some facts about a type of material.</li> <li>compare the strength of different types of paper predicting which will rip when pulled.</li> <li>learn what absorbency means and explore the absorbency of different types of materials.</li> <li>examine different ways to record results and select an appropriate way to record the results of an investigation about waterproof materials.</li> <li>apply the findings from these investigations to design a nappy.</li> </ul>	properties	Newtons	
	materials	measurements	
	similarities	recording data	
	differences	absorbency	
	suitability	waterproof	
	suitable materials	nappy	
	unsuitable materials	disassemble	
	cornflour slime	component materials	
test	evaluate		
strength	design		
<b>Links to previous learning:</b>	This unit builds on the work done in Year 1 Identifying and comparing materials.		

