



Subject: Science		Year group: 2 Term: Autumn 2		Title: Use of everyday materials																	
What should I already know? • That a material is made from. • The name of a variety of materials (e.g. wood, metal, plastic, glass, etc.) • To group together a variety of materials on the basis of their simple physical properties.		Facts I will learn • Some objects, such as spoons, can be made from plastic, wood, metal. • Some materials are more suitable for an object than others (e.g. wood for a pencil instead of glass). • When I put pressure on some materials, they may change shape. • Some solid objects change through squashing, bending, twisting and stretching.		Key questions • What materials are used in everyday objects we use? • What material is best for a spoon and why? • Why can some materials change shape when I use them? • What will be the best material to create a toy?																	
Key Skills..... • Perform simple tests. • Identifying and classifying. • Use observations and ideas to suggest answers to questions. • Gather and record data to help answer questions.		Experiences that school will provide: • Investigations to find the best material for a job. • Research opportunities where the children can learn about people who have discovered new materials 		<table><tr><th>Key vocab</th><th>Definition</th></tr><tr><td>Material</td><td>Material is any substance that an object is made from.</td></tr><tr><td>Opaque</td><td>Cannot be seen through and does not allow light to pass through it.</td></tr><tr><td>Transparent</td><td>Clear enough or thin enough to be seen through</td></tr><tr><td>Flexible</td><td>Easy bent without breaking</td></tr><tr><td>Absorbent</td><td>Something that takes in liquid</td></tr><tr><td>Suitable</td><td>Right or appropriate for a purpose</td></tr><tr><td>unsuitable</td><td>Not appropriate for a purpose</td></tr></table>		Key vocab	Definition	Material	Material is any substance that an object is made from.	Opaque	Cannot be seen through and does not allow light to pass through it.	Transparent	Clear enough or thin enough to be seen through	Flexible	Easy bent without breaking	Absorbent	Something that takes in liquid	Suitable	Right or appropriate for a purpose	unsuitable	Not appropriate for a purpose
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Web links https://www.everyschool.co.uk/science-key-stage-1-materials.html https://www.bbc.co.uk/bitesize/topics/zsrfvwx/articles/zd9w8hv		Experiences that could be provided at home... • Look around the home and observe what different materials you can find. • Discuss what different materials are used for in the home and why.																			

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