

<b>Lesson Title D and T, newspaper mats</b>	<b>Key Stage: Two</b>
<b>Curriculum links 1a, b, c, d, 2a, b, c, d, e, 3a, c, 4b, 5a, b, c</b>	
<b>Key words: strengthen, construction, product, design.</b>	
<b>Key questions:</b> <ul style="list-style-type: none"> <li>• What are the desired properties of placemats?</li> <li>• How can we adapt the shape and texture of newspaper to fit these properties?</li> </ul>	
<b>Objectives</b> <ul style="list-style-type: none"> <li>• To adapt the properties of newspaper to make it a suitable material for making placemats.</li> <li>•</li> </ul>	
<b>Possible activities</b> <p><u>Starter</u> Look at different types of placemat (made of different materials). Produce a list of 5 words that best describe the properties common to all of them (e.g. heat resistant, washable, big...) Discuss these lists and come up with a top 3 for the class for them to keep in mind during the activity.</p> <p><u>Main</u> Show a newspaper. How can we make a mat from this? Ask for ideas of how to overcome the thinness issue and the lack of durability! Hopefully they'll mention weaving or rolling to increase its strength. Use the 'newspaper placemats' work sheet to illustrate the process of how to make a mat. A coaster takes about 30 minutes to make, a placemat will need more time or a combined effort!</p> <p><u>Plenary</u> Carry out a product questionnaire with adults (worksheet included to lead them through this) and write a report from their findings about the product they made.</p>	
<b>Extension activities</b> <p>Pupils write their own questionnaire Pupils process data from the findings and produce 'market research analysis' in the form of graphs.</p>	
<b>Cross-curricular links</b> <p>Art Literacy Numeracy (extension)</p>	<b>Points to note</b> <p>Be sure to carry out a thorough risk assessment if using needles and hot glue guns!</p>
<b>Homework ideas</b> <p>Pupils investigate the process of paper recycling, completing a storyboard to show the process in six steps.</p>	
<b>Resources</b> <p>Glue guns, tapestry needles, string, scissors, colourful newspaper sheets, PVA or varnish with paint brushes if desired. Homework sheets on paper recycling. Questionnaires.</p>	