

Theme	Key Stage	Curriculum Link	Possible Writing Links/ Activities	Research Questions	Links
Industry/ Manufacturing	KS2	<p>Design technology Investigate and analyse a range of existing products. Understand how key events and individuals in design and technology have helped shape the world (switch from metal to plastics).</p> <p>Science Forces - recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p> <p>History Ideas, political power, industry and empire: Britain, 1745-1901.</p>	<p>Categorise the various items that Newman Brothers sold. Design a web page that could be used to sell their products.</p> <p>Write instructions for making a handle using the stamping process.</p> <p>Create a health & safety poster for the Stamp Room.</p> <p>Write a diary entry as a new employee who has just started work in the Stamp Room for the first time.</p>	<p>What other items were made in the Jewellery Quarter? How are they similar to the products made by Newman Brothers?</p> <p>Where do the items that you use daily come from? How has that changed over time?</p> <p>Newman Brothers was known for its goods made by the stamping process. How does this process work? Where it might still be used today?</p> <p>What would it have been like to work at Newman Brothers? Describe the work environment using each of the five senses.</p>	<p><i>Download The Development of the Jewellery Quarter: An Overview</i></p> <p>Different products were within the factory http://www.archive.coffinworks.org/objects/dye-block/ http://www.archive.coffinworks.org/objects/stamp-shop/ http://www.archive.coffinworks.org/objects/shroud-room/ http://www.archive.coffinworks.org/objects/the-casting-shop/</p>

	<p>KS3</p>	<p>History Ideas, political power, industry and empire: Britain, 1745-1901.</p> <p>Britain as the first industrial nation – the impact on society; party politics, extension of the franchise and social reform.</p> <p>Science Energy changes and transfers; simple machines give bigger force but at the expense of smaller movement (and vice versa).</p> <p>Other processes that involve energy transfer: changing motion, dropping an object, completing an electrical circuit, stretching a spring, metabolism of food, burning fuels.</p>		<p>How has the manufacturing of items changed over time?</p> <p>Why did Newman Brothers move their factory to Fleet Street in 1894? How did the manufacturing industry that was centred in this area affect Birmingham’s growth?</p> <p>What can we learn about how Newman Brothers changed over time from the factory building?</p> <p>Act as a Health and Safety Inspector at Newman Brothers during the Victorian times, what concerns would you have?</p>	<p>Changes in manufacturing http://www.archive.coffinworks.org/objects/dye-block/ http://www.archive.coffinworks.org/objects/gateway-object-nb-product-boxes/ http://www.archive.coffinworks.org/objects/gateway-object-nb-product-boxes/ http://www.archive.coffinworks.org/themes/industry-manufacturing/ http://www.rhnuttall.co.uk/blog/birminghams-manufacturing-history/ https://billdargue.jimdo.com/glossary-brief-histories/a-brief-history-of-birmingham/victorian-birmingham/ https://vimeo.com/240197836</p> <p>Manufacturing processes used at Newman Brothers http://www.archive.coffinworks.org/objects/newman-brothers-ledger/ http://www.archive.coffinworks.org/objects/gateway-object-nb-product-boxes/ Download Processes used at Newman Brothers</p> <p>The Stamping Shop https://vimeo.com/241037164?from=outro-embed https://vimeo.com/240197644 https://vimeo.com/152138907</p>
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