

## Design and Technology Homework Task

<b>Subject</b>	Design and Technology	
<b>Module Title</b>	Resistant Materials: Wood - pre-manufactured components	
<b>Year Group - 10</b>		<b>Term - Autumn</b>
<p><b>Context of the task</b>          This homework covers Resistant Materials. It is to give you the opportunity to develop your knowledge of pre-manufactured components that can be used with wooden products. The teacher will discuss the task during a lesson prior to setting the homework.</p>		
<p><b>Objective of the Task</b></p> <ul style="list-style-type: none"> <li>• to develop knowledge of pre-manufactured components and when and how to use them in wooden products</li> </ul>		
<p><b>Outline of the task</b>          In this task you must research the following components. You are to produce information/notes in your own words showing</p> <ol style="list-style-type: none"> <li>1. a picture of the pre-manufactured component</li> <li>2. a label with a quick explanation of the component and how it is used</li> </ol> <p>Pre-manufactured components to find:</p> <ol style="list-style-type: none"> <li>1. Nuts, bolts and machine screws</li> <li>2. Knock-down fittings: corner blocks, rigid joints, scan fittings, cam locks, leg fastenings,</li> <li>3. Hinges: buy, back-flap, piano, tee, flush, adjustable concealed hinges, stays</li> <li>4. Catches: Ball, spring, magnetic,</li> <li>5. Drawer and door runners</li> <li>6. Locks: Hasp and staple, toggle, box style cupboard catch</li> </ol> <p>You will need to use the internet and your text books (pg 77-85) and any other resources you can find to provide detailed answers to this homework.</p>		
<p><b>Expectations/Timing</b>          1 homework sessions</p>		
<p><b>Suggested Resources</b>  <a href="http://www.technologystudent.com/joints/joindex.htm">www.technologystudent.com/joints/joindex.htm</a>  <a href="http://www.diytools.co.uk/diy/Main/sc-2-235-catches.asp">http://www.diytools.co.uk/diy/Main/sc-2-235-catches.asp</a>  <a href="http://www.e-hardware.co.uk/acatalog/Hasp_and_Staples.html?qclid=CNio-Xc85wCFUoB4wod4yPMjg">http://www.e-hardware.co.uk/acatalog/Hasp_and_Staples.html?qclid=CNio-Xc85wCFUoB4wod4yPMjg</a>  <a href="http://en.wikipedia.org/">http://en.wikipedia.org/</a></p> <p>Text book - Resistant materials - OCR design and technology for GCSE</p>		
<p><b>Assessment Focus</b>          Peer assessment</p>	<p><b>Contact details</b>          Miss Brown          Tel 01223 721844          cebrown@sawstonvc.org</p>	

