

## Year 7 Design & Technology - Timbers Key Keeper Manufacture

### Learning Programme 3

<p>The LORIC skill focus for his LP is: RESILIENCE The Moral Virtues focus for this LP are: RESPECT and JUSTICE Respect - treat others how you would wish to be treated yourself. Justice - our College rules are fair and reasonable.</p> <p><b>What will I be learning about in this Learning Programme?</b> To plan the stages of manufacture for my project using a flow chart. To assess the risk of working with tools and equipment before selecting them to make my timbers key keeper. To know how to use workshop tools correctly and safely.</p> <p><b>Where have I seen this learning before?</b> You will build on your learning from the last Learning Programme in which you were introduced to working with timbers in the D&amp;T workshop.</p> <p><b>What could I use it for?</b> You can use timber materials to manufacture products in design &amp; technology over your next 7 years; you will apply your knowledge of timbers in the GCSE Design &amp; Technology exam. You can use hand tools to repair and create timber items your everyday life.</p>		<p><b>Literacy:</b></p> <ul style="list-style-type: none"> <li>Capital letters must be used at the start of sentences and for the first letter of proper nouns</li> <li>Full stops must be used at the end of a sentence</li> <li>Question marks must be used at the end of a question</li> <li>Apostrophes should only be used for possession or omission</li> <li>Days of the week and months must be spelled correctly</li> <li>Key words must be spelled correctly</li> </ul>
<p><b>In LP3.1, I will know:</b> 06/01/25 - (WK 2)</p> <p>how to plan the stages of my key keeper manufacture; what flow chart symbols represent in a flow chart.</p>	<p><b>Key Vocabulary</b></p> <p>Flow chart</p>	<p><b>Homework</b></p> <p>Complete a flow chart planning task.</p>
<p><b>In LP3.2, I will know:</b> 13/01/25 - (WK 1)</p> <p>the dangers that can exist in the workshop; how to complete a risk assessment so that I can work safely with tools in the workshop.</p>	<p><b>Key Vocabulary</b></p> <p>Risk assessment</p>	<p><b>Homework</b></p> <p>Safety in the workshop task.</p>
<p><b>In LP3.3, I will know:</b> 20/01/25 - (WK 2)</p> <p>how to use a try square to accurately mark out for cutting; how to use a tenon saw to cut straight lines.</p>	<p><b>Key Vocabulary</b></p> <p>Try square</p>	<p><b>Homework</b></p> <p>Describe the stages of using a tenon saw safely.</p>
<p><b>In LP3.4, I will know:</b> 27/01/25 - (WK 1)</p> <p>how to use the coping saw or scroll saw to cut out my keyrings.</p> <p>Extended Task.</p>	<p><b>Key Vocabulary</b></p> <p>Coping saw</p>	<p><b>Homework</b></p> <p>Describe the stages of using a coping saw safely.</p>
<p><b>In LP3.5, I will know:</b> 03/02/25 - (WK 2)</p> <p>how to use files, abrasive paper and sanding disk to smooth and finish the edges of timber.</p>	<p><b>Key Vocabulary</b></p> <p>Abrasive paper</p>	<p><b>Homework</b></p> <p>Describe the stages of using a scroll saw safely.</p>
<p><b>In LP3.6, I will know:</b> 10/02/25 - (WK 1)</p> <p>how to use the pillar drill to create the hole on my keyring.</p>	<p><b>Key Vocabulary</b></p> <p>Pillar drill</p>	<p><b>Homework</b></p> <p>Describe the stages of using a pillar drill safely.</p>
<p><b>LP3 RLW, I will:</b> 24/02/25 - (WK 2)</p> <p>review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.</p>	<p><b>Key Vocabulary</b></p> <p>Revision strategy</p>	<p><b>Homework</b></p> <p>Revise for summative assessment.</p>
<p><b>In LP3.7, I will know:</b> 03/03/25 - (WK 1)</p> <p>why timbers require a surface finishes and be able to identify timber finish types; how to apply a finish to improve the appearance and properties of my key keeper.</p> <p>Extended Task.</p>	<p><b>Key Vocabulary</b></p> <p>Material finishes</p>	<p><b>Homework</b></p> <p>Describe a range of timber finishes and their uses.</p>
<p><b>Resources to support learning:</b> The following websites contain extensive revision material and information to increase design &amp; technology subject knowledge: <a href="http://www.technologystudent.com">www.technologystudent.com</a>; <a href="http://www.mr-dt.com">www.mr-dt.com</a>; <a href="http://www.bbc.co.uk/bitesize">www.bbc.co.uk/bitesize</a>.</p>		
<p><b>FFET Award Challenge for this Learning Programme:</b> Design a health &amp; safety in the workshop poster to inform new pupils into D&amp;T how to work safely.</p>		

