

Subject	Y8 Threshold Knowledge – Autumn/Spring/Summer term	How to support students' learning
Tech - Product	<p><b>Autumn/Spring/Summer Term Frame</b></p> <ol style="list-style-type: none"> <li>1. Recognise the importance of sustainable timber production.</li> <li>2. Understand the differences between hard and soft woods.</li> <li>3. Understand the importance of quality control in design manufacture.</li> <li>4. Identify the links between design and technology and applied mathematics.</li> <li>5. Recognise the work of the Memphis movement and generate a design in this style.</li> <li>6. Communicate a range of design ideas.</li> <li>7. Use a range of tools and equipment accurately to produce a range of joints.</li> <li>8. Draw like a designer using isometric and orthographic projection.</li> <li>9. Generate a plan of manufacture using a flow chart structure.</li> <li>10. Evaluate critically, providing suggestions for improvement.</li> </ol>	<ul style="list-style-type: none"> <li>• The UK Forestry Standard: a guide to sustainable forestry and responsible timber harvesting – Forestry Commission</li> <li>• Hardwood vs Softwood: What's the Difference? – Forestry.com</li> <li>• Quality Control and Assurance – GCSE Design and Technology Eduqas Revision – Study Rocket</li> <li>• <a href="https://youtu.be/tN95TLKpmVQ?si=SEyHqMFD3tzHrqbO">https://youtu.be/tN95TLKpmVQ?si=SEyHqMFD3tzHrqbO</a></li> <li>• <a href="https://hommes.studio/journal/what-is-memphis-design-style/">https://hommes.studio/journal/what-is-memphis-design-style/</a></li> <li>• <a href="https://youtu.be/jKEOu8n0PQo">https://youtu.be/jKEOu8n0PQo</a></li> <li>• Finger Joints</li> <li>• <a href="https://youtu.be/gpEA7qqBgRE">https://youtu.be/gpEA7qqBgRE</a></li> <li>• Flowchart - Wikipedia</li> <li>• Fitness for purpose - Evaluating - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize</li> </ul>