

# LTP – KS5 City and Guilds Level 1 Carpentry

The intent of Design Technology at Key Stage Five is to further acquire skills for life. Through deepening their knowledge, skills and understanding of DT into carpentry and joinery assignments. Through integrated practical, analytical and circumstantial study, the learners will inspire direct participation with work based practices. Students must learn through: practical experience and demonstrate an expanded knowledge and understanding of working in wood. Learners must develop and apply the relevant carpentry and joinery skills in order to construct products using traditional techniques. During the course of the qualification, the learners must work through a health and safety assignment booklet as well as two practical assignments resulting in functional products. Learners will be supported in their own personal development through a variety of extra-curricular activities including a wow day to a vocational college. As well as discussing the social, moral, cultural, and spiritual concepts found within the Design Technology for example how to select woods that are sustainable and the exploitation of workers, children and fair trade.

## Year 12

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p><b>Angled Halving joint square</b></p> <ul style="list-style-type: none"> <li>• Know and state the importance of health and safety in the construction industry.</li> <li>• Know and state how to minimise the risk of accidents caused by hazards.</li> <li>• Know and state the safety signs and their categories.</li> <li>• Know and state the Personal Protective Equipment.</li> <li>• Identify how to construct frames using halving joints.</li> <li>• Be able to construct frames using halving joints.</li> <li>• Be able to set up and maintain a clean and safe working environment.</li> </ul>	<p><b>Angled Halving joint square</b></p> <ul style="list-style-type: none"> <li>• Demonstrate the importance of health and safety in the construction industry.</li> <li>• Demonstrate how to minimise the risk of accidents caused by hazards.</li> <li>• Demonstrate the safety signs and their categories.</li> <li>• Demonstrate the Personal Protective Equipment.</li> <li>• Know and identify how to construct frames using halving joints.</li> <li>• Be able to construct frames using halving joints.</li> <li>• Be able to set up and maintain a clean and safe working environment.</li> </ul>	<p><b>Angled Halving joint square</b></p> <ul style="list-style-type: none"> <li>• Classify the importance of health and safety in the construction industry.</li> <li>• Classify how to minimise the risk of accidents caused by hazards.</li> <li>• Classify the safety signs and their categories.</li> <li>• Classify the Personal Protective Equipment.</li> <li>• Display how to construct frames using halving joints.</li> <li>• Be able to construct frames using halving joints.</li> <li>• Be able to set up and maintain a clean and safe working environment.</li> </ul>	<p><b>Bridle joint table</b></p> <ul style="list-style-type: none"> <li>• Present the importance of health and safety in the construction industry.</li> <li>• Present how to minimise the risk of accidents caused by hazards.</li> <li>• Present the safety signs and their categories.</li> <li>• Know how to use the Personal Protective Equipment.</li> <li>• Display how to construct frames using bridle joints.</li> <li>• Be able to construct frames using bridle joints.</li> <li>• Be able to set up and maintain a clean and safe working environment.</li> </ul>	<p><b>Bridle joint table</b></p> <ul style="list-style-type: none"> <li>• Distinguish the importance of health and safety in the construction industry.</li> <li>• Distinguish how to minimise the risk of accidents caused by hazards.</li> <li>• Distinguish the safety signs and their categories.</li> <li>• Distinguish their knowledge of the Personal Protective Equipment.</li> <li>• Know how to construct frames using bridle joints.</li> <li>• Be able to construct frames using bridle joints.</li> <li>• Be able to set up and maintain a clean and safe working environment.</li> </ul>	<p><b>Bridle joint table</b></p> <ul style="list-style-type: none"> <li>• Display the importance of health and safety in the construction industry.</li> <li>• Display how to minimise the risk of accidents caused by hazards.</li> <li>• Display safety signs and their categories.</li> <li>• Display the Personal Protective Equipment.</li> <li>• Exhibit how to construct frames using bridle joints.</li> <li>• Be able to construct frames using bridle joints.</li> <li>• Be able to set up and maintain a clean and safe working environment.</li> </ul>