



<p><b>This half term: Skills, Knowledge and Understanding to be developed:</b></p> <p><b>Skills</b> (students WILL BE ABLE to by the end of the Learning Programme): Students will able to make the most commonly used wood joining methods used in the construction industry.</p> <p><b>Knowledge</b> (students WILL KNOW by the end of the Learning Programme) Students will know the types of Jointing methods used with Carcass timber commonly used in the Construction industry and how they are marked, made and assembled.</p> <p><b>Understanding</b> (students WILL DEMONSTRATE their understanding): The students will understand the types of joints used and how they are marked, cut and assembled.</p>		<p><b>Key Terms / Words:</b>  <b>Mortice and Tennon joint, Haunched Mortice and Tennon, Motriser, Mitre Saw, Tennon Saw, Marking Gauge, Try Square Halving Joint, Mitre Joint, Half Lap Mitre Joint, Bridle Joint</b></p>	
<p><b>Week 1 Learning Outcomes:</b></p> <p><b>1. Students will</b>  <b>Introduction</b></p> <ul style="list-style-type: none"> <li>• Be given a recap into wood joints.</li> <li>• Be made aware of expectations in terms of behaviour and conduct in the workshop and routines due to Covid.</li> <li>• Health and Safety Criteria laid out</li> <li>• Task setting</li> </ul> <p><b>2. Students will be able to mark out the Mortice and Tenon Joints for the planters</b>                  With the use of the appropriate marking out tools they are to mark out the joint and appropriately indicate the waste that will be removed with the aid of a Tenon saw, Mitre saw and chisel                  Then with the use of a mortise they are to machine a void to form the mortice and clean joint with a chisel.</p>		<p><b>Success Criteria:</b></p> <p>Students will be able to appreciate Health and Safety issues and their obligations towards others.</p>	<p><b>Homework W1</b></p> <p>Homework:</p>
<p><b>Week 2 Learning Outcomes:</b></p> <p><b>3-5. Students will be able to make a Mortice and Tenon Joint</b>                  With the use of the appropriate marking out tools they are to mark out the joint and appropriately indicate the waste that will be removed with the aid of a Tenon saw, Mitre saw and chisel                  Then with the use of a mortise they are to machine a void to form the mortice and clean joint with a chisel.</p>		<p><b>Success Criteria:</b></p> <p>Students will be able to appreciate Health and Safety issues and their obligations towards others. They will be able to produce an accurate, well fitting joint. By using a range of marking instruments, machinery and hand tools</p>	<p><b>Homework W2</b></p>
<p><b>Week 3 Learning Outcomes:</b></p> <p><b>6 Students will be able to make a Mortice and Tenon Joint</b>                  With the use of the appropriate marking out tools they are to mark out the joint and appropriately indicate the waste that will be removed with the aid of a Tenon saw, Mitre saw and chisel                  Then with the use of a mortise they are to machine a void to form the mortice and clean joint with a chisel.</p> <p><b>7 Students will know and be able to mark and cut the Tongue and groove matchboarding</b>                  With the use of the appropriate marking out tools they are to mark out the Tongue and groove and appropriately indicate the waste that will be removed with the aid of a Mitre saw,</p>		<p><b>Success Criteria:</b></p> <p>Students will be able to appreciate Health and Safety issues and their obligations towards others. They will be able cut multiple lengths accurately By using a range of marking instruments and a mitre saw</p>	<p><b>Homework W3</b></p>

<p><b>Week 4 Learning Outcomes:</b></p> <p><b>8-10 Students will be able to mark out and form a rebate to receive the tongue and groove panelling</b>        With the use of the appropriate marking out tools they are to mark out the joint and appropriately indicate the waste that will be removed with the aid of a Rebate plane,        Care needed when removing waste so as not to remove the incorrect wastage part.</p>	<p><u>APP task:</u>  <b>Kahoot H&amp;S task</b>        (10 marks)</p> <div style="border: 1px solid blue; padding: 2px; width: fit-content; margin: 5px auto;">APP</div> <div style="border: 1px solid red; padding: 5px; width: fit-content; margin: 5px auto;">Grade:</div>	<p><b>Success Criteria:</b></p> <p>Students will be able to appreciate Health and Safety issues and their obligations towards others. They will be able to produce an accurate, rebate joint. By using a range of marking instruments and a rebate plane</p>	<p><b>Homework W4</b></p> <p>Kahoot Joints worksheet</p>
<p><b>Week 5 Learning Outcomes:</b></p> <p><b>11 and 12. Students will understand and be able to use an orbital sander safely to achieve a smooth clean finish</b>        Through their focussed task to build a garden planter. They are to sanding all the components prior to assembly to remove pencil lines and marks and scratches</p>		<p><b>Success Criteria:</b></p> <p>Students will be able to appreciate Health and Safety issues and their obligations towards others. They will be able to use orbital sanders and to comply with H&amp;S</p>	<p><b>Homework W5</b></p>
<p><b>Week 6 Learning Outcomes:</b></p> <p><b>13-15 Students will be able to assemble the planter</b></p> <p>Following on from the sanding they are to dry fit the planter together to ensure correct fitment        If correct they are to Glue and Clamp the work with sash cramps and ensure square by measuring across diagonals</p>		<p><b>Success Criteria:</b></p> <p>Students will be able to appreciate Health and Safety issues and their obligations towards others. They will be able to assemble the planter and ensure that it is dimensionally square.</p>	<p><b>Homework W6</b></p>
<p><b>Week 7 Learning Outcomes:</b></p> <p><b>16 and 17 Students will be able to assemble the planter</b></p> <p>Following on from the sanding they are to dry fit the planter together to ensure correct fitment        If correct they are to Glue and Clamp the work with sash cramps and ensure square by measuring across diagonals</p>	<p><u>Summative Assessment:</u>        Progress and Standard of Construction</p> <div style="border: 1px solid blue; padding: 2px; width: fit-content; margin: 5px auto;">Summative Assessment:</div> <div style="border: 1px solid red; padding: 5px; width: fit-content; margin: 5px auto;">Grade:</div>	<p><b>Success Criteria:</b></p> <p><b>SUMMATIVE ASSESSMENT: Students will apply and demonstrate new knowledge and skills in a practical outcome</b></p>	<p><b>Homework W7</b></p>

**This programme is subject to change.**