

S3 Construction Skills

	Week No.	<p>The S3 Construction Skills course consists of a number of Skill tasks to develop the pupils' confidence in progressing to more demanding higher level skills and awards in the Construction Industry. <i>Tool Identification, Manufacturing of Rectangular Wooden Doors and Frames, completing Cutting Lists, producing a Workshop Rod,</i></p> <p style="background-color: #DDA0DD;">Most lessons will take place in the workshop but some will require the use of a classroom.</p>			<p>Homework - Will generally be given as Required.</p>
Summer Holiday					
AUG	1	<p>Course begins after October Holiday</p>			
	2				
	3				
	4				
SEPT	5				
	6				
OCT	7				
	8				
October Holiday					
Interim	9	Wall Clock		Introduction Of a Log Book	
NOV	10	<p>Flat frame Marking Out and producing <i>Haunched Mortise and Tenon Joints.</i></p>		The requirements of applying a tolerance to the manufacture of course projects.	
	11				
	12	<p>Dry Clamping Checking for squareness and quality of joints.</p>		<p>Try Square and Steel Rule</p>	
	13				
DEC	14	<p>Develop Bench Joinery Skills Section 1 Knowledge and Understanding Section 2 Numeracy</p>		Section 1 - Closed Book Assessment of <i>Tools, materials and equipment.</i> Section 2 - <i>Numeracy</i> Section 3 - <i>Health and Safety</i> Section 4 - <i>Sustainability</i>	
	15				
	16				
Christmas Holiday					
JAN	17	Wall Clock		Dry Cramping	
	18	Carcase			
	19	Through Housing Joints		Log Book, update	
		Assembly of Carcase		How to Apply a Finish to Wood	

FEB	21	Manufacture			
	22	Practical Assessment 1 Outcome 2 - Carry out a range of hand tool and workshop equipment operations		Update Log Book	
	23				
	24				
MAR	25	O/C 2 Manufacture an External Frame and Cill	<i>Tolerances</i>	Sash Clamps	
Full Report	26				
		Produce bevel and Capillary Groove on Cill			
	28		Apply a Finish		
	29	Easter Holiday			
APR	30	O/C 3 Manufacture a Hanging Rod Accurately	<i>Checking the Quality of Finish</i>	Assembly of O/C 2 & 3	
	31				
May	32	Manufacture a Rectangular Frame and hang to External Frame			
Interim	33				
	34	Fit and Fix a Panel using Sheet material and Planted beads		Overall height and width of panel within 4mm Bead joints within 1mm	
	35				Construction Methods -J1PA 45
JUNE	36				
	37	O/C 1 Develop a basic understanding of structural stability and material performance		O/C 2 Describe various sustainable construction methods and how hazards are identified	
	38				
	39				
	40				