



Construction

achieve

<u>Week</u>	<u>Topic</u>	<u>Rationale</u>	<u>Assessment</u>	<u>Homework</u>	<u>FBV, Employability</u>
1st - 5th	Intro, Tools, materials, equipment and information for carpentry and joinery	The use of tools, materials and technical information is highly important within the construction industry, the students must explain how various tools, equipment and materials are used, why they are used and the health and safety considerations to be made.		Revision resource created for learned topic in preparation for Unit 1 external exam	Employability- The use of tools, materials and technical information is highly important within the construction industry. This Unit will equip students will the skills that can be transferred directly into the industry whether it be in the practical area of construction or health and safety area on the sector. FBV- The importance of health and safety within construction and the welfare of the workers is an essential part of this unit. Health and safety is a pillar of British society and the rigorous approach taken by the legislation makers makes it one of the safest countries in the world.
6th - 8th	Assessment period				
9th - 13th	Construction of a timber frame with traditional woodworking joints	Making a timber frame using various woodworking joints contains the fundamentals of carpentry and joinery. The students learn various joints with different challenges that require different tools and equipment. They have the chance to understand the standards required for a successful frame, ensuring their work is to a high standard and a standard that is relevant in the real working world.		Revision resource created for learned topic in preparation for Unit 1 external exam	Employability- The use of tools, materials and technical information is highly important within the construction industry and will prepare students for that eventuality. This Unit will equip students will the skills that can be transferred directly into the industry whether it be in the practical area of construction or health and safety area on the sector.
10th	Construction of a timber frame with traditional woodworking joints	The frame can now be worked on from the previous learning using all skills developed.		Revision resource created for learned topic in preparation for Unit 1 external exam	FBV- The importance of health and safety within construction and the welfare of the workers is an essential part of this unit. Health and safety is a pillar of British society and the rigorous approach taken by the legislation makers makes it one of the safest countries in the world.
14th - 16th	Assessment period				



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<p>17th - 20th</p>	<p>Economic and social benefits of construction</p>	<p>This is a focus on the construction industry itself and how certain buildings may look, feel or function. Buildings will have different purposes and will be designed in a way to meet this purpose. The students need to understand how the constructors would think when designing and building certain projects.</p>		<p>Revision resource created for learned topic in preparation for Unit 1 external exam</p>	<p>Employability- The focus on the different activities of the construction industry gives a key insight into the job roles that may be best suited to the students. This clearly indicates the importance of the sector and therefore inspires an enthusiasm to be part of the industry. This also shows a varied area of work from planning to building. FBV- The economic and social benefits of construction show the importance of the industry to the students and how the sector needs to be versatile and empathetic to all needs to that all types of people can live in harmony in todays society.</p>
<p>21st - 24th</p>	<p>Assessment period</p>				
<p>25th - 28th</p>	<p>Using the analysis of needs and constraints, produce a client brief that will aid the development of appropriate design solutions</p>	<p>Construction is the transfer of information between a client and the builder. This is true whether you are building a house or hospital. The students will look at how clients needs are to be met when you are the designer or builder.</p>		<p>2-point perspective drawing task</p>	<p>Employability- Understanding a client's needs is a huge part of the construction industry and will allow the students to get a feel for applying themselves within the needs of others and not themselves. These customer service skills are needed in managerial roles right down to the workers and tradesman within the sector. FBV- Understanding a client's needs is a huge part of the construction industry and will allow the students to get a feel for applying themselves within the needs of others and not themselves. Being tolerant, patient and caring towards others needs is something that we all require to have successful relationships with other people around us</p>
<p>29th - 31st</p>	<p>Assessment period</p>				



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32nd - 34th	Generation of initial sketch ideas to facilitate development of the final design solution	Drawing skills and design are key skills used by architects. It is important that the students cover this area of construction to understand where building projects start. The use of 2 point perspective drawing is an example how a real architect would present and generate ideas.		2 point perspective drawing task	Employability- The design part is right in line with the job details of an architect or project planner. Drawing and design skills using R&D is used throughout architectural practices up and down the country. FBV- The economic and social benefits of construction show the importance of the industry to the students and how the sector needs to be versatile and empathetic to all needs so that all types of people can live in harmony in today's society.
35th -38th	Assessment period				