



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
9	<p>Knowledge and skills</p> <p>How Low Rise buildings are made - introduction Types of Foundations Types of Walls Key Technical Vocabulary (1)</p>	<p>Knowledge and skills</p> <p>Workshop Health & Safety Joinery Introduction; tools & materials Joinery practise</p>	<p>Knowledge and skills</p> <p>Joinery practise – Tea Tray Product Low Rise Buildings – development and consolidation of learning (1)</p>	<p>Knowledge and skills</p> <p>Key Technical Vocabulary (2) Bricklaying Introduction; tools & materials</p>	<p>Knowledge and skills</p> <p>Site Health & Safety Bricklaying Project - BBQ</p>	<p>Knowledge and skills</p> <p>Bricklaying Project – BBQ completion Low Rise Buildings – development and consolidation of learning (2)</p>
10	<p>Knowledge and skills</p> <p>Designing</p> <ul style="list-style-type: none"> Researching different types of housing Creating Mood Boards of house design ideas Researching materials 	<p>Knowledge and skills</p> <p>Designing</p> <ul style="list-style-type: none"> 2 Point Perspective Drawing Techniques; theory & practise Sustainable Construction options Researching and analysing our own homes 	<p>Knowledge and skills</p> <p>Low Rise Buildings</p> <ul style="list-style-type: none"> Understanding Client Requirements Planning Constraints & Permissions 	<p>Knowledge and skills</p> <p>Low Rise Buildings - BTEC Assignment to:</p> <ul style="list-style-type: none"> Identify and Analyse Client Requirements Develop a range of four house design ideas Discuss and review design ideas with customer (teacher) Refine design ideas with customer feedback received 		<p>Knowledge and skills</p> <p>Science & Maths - Introduction to principles related to Construction:</p> <ul style="list-style-type: none"> Applied Maths Mensuration Graphs Using Formula
11	<p>Knowledge and skills</p> <ul style="list-style-type: none"> Science & Maths - BTEC Assignment to: <ul style="list-style-type: none"> Applied Science Loads and Forces Stress/Strain Calculations Effects of weather on materials Construction Industry Sectors – introduction to: <ul style="list-style-type: none"> Types of structures Job Roles Environmental Impact Sustainability BTEC Assignment to: summarise and demonstrate understanding of key issues. 		<p>Knowledge and skills</p> <ul style="list-style-type: none"> Joinery - BTEC Assignments to: <ul style="list-style-type: none"> Make a timber frame with a different joint at each corner, to a given drawing with specified measurements and joint types/positions. Explain and analyse the appropriate tools, materials and fixings for Joinery tasks. 		<p>Knowledge and skills</p> <p>Course completion and sign-off activities, including any final re-submissions that may be permitted.</p>	