



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
9	<u>Knowledge and skills</u> How Low Rise buildings are made - introduction Types of Foundations Types of Walls Key Technical Vocabulary (1)	<u>Knowledge and skills</u> Workshop Health & Safety Joinery Introduction; tools & materials Joinery practise	<u>Knowledge and skills</u> Joinery practise – Tea Tray Product Low Rise Buildings – development and consolidation of learning (1)	<u>Knowledge and skills</u> Key Technical Vocabulary (2) Bricklaying Introduction; tools & materials	<u>Knowledge and skills</u> Site Health & Safety Bricklaying Project - BBQ	<u>Knowledge and skills</u> Bricklaying Project – BBQ completion Low Rise Buildings – development and consolidation of learning (2)
10	<u>Knowledge and skills</u> Designing <ul style="list-style-type: none"> Researching different types of housing Creating Mood Boards of house design ideas Researching materials 	<u>Knowledge and skills</u> Designing <ul style="list-style-type: none"> 2 Point Perspective Drawing Techniques; theory & practise Sustainable Construction options Researching and analysing our own homes 	<u>Knowledge and skills</u> Low Rise Buildings <ul style="list-style-type: none"> Understanding Client Requirements Planning Constraints & Permissions 	<u>Knowledge and skills</u> Low Rise Buildings - BTEC Assignment to: <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 	<u>Knowledge and skills</u> Science & Maths - Introduction to principles related to Construction: <ul style="list-style-type: none"> Applied Maths Mensuration Graphs Using Formula 	
11	<u>Knowledge and skills</u> <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. 		<u>Knowledge and skills</u> <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. 		<u>Knowledge and skills</u> Course completion and sign-off activities, including any final re-submissions that may be permitted.	