



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
9	Knowledge and skills How Low Rise buildings are made - introduction Types of Foundations Types of Walls Key Technical Vocabulary (1)	Knowledge and skills Workshop Health & Safety Joinery Introduction; tools & materials Joinery practise	Knowledge and skills Joinery practise – Tea Tray Product Low Rise Buildings – development and consolidation of learning (1)	Knowledge and skills Key Technical Vocabulary (2) Bricklaying Introduction; tools & materials	Knowledge and skills Site Health & Safety Bricklaying Project - BBQ	Knowledge and skills Bricklaying Project – BBQ completion Low Rise Buildings – development and consolidation of learning (2)
10	Knowledge and skills Designing - Researching different types of housing - Creating Mood Boards of house design ideas - Researching materials	Knowledge and skills Designing 2 Point Perspective Drawing Techniques; theory & practise - Sustainable Construction options - Researching and analysing our own homes	Knowledge and skills Low Rise Buildings - Understanding Client Requirements - Planning Constraints & Permissions	Knowledge and skills Low Rise Buildings - BTEC Assignment to: - 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	Knowledge and skills Science & Maths - Introduction to principles related to Construction: - Applied Maths - Mensuration - Graphs - Using Formula	
11	Knowledge and skills - Science & Maths - BTEC Assignment to: - Applied Science - Loads and Forces - Stress/Strain Calculations - Effects of weather on materials - Construction Industry Sectors – introduction to: - Types of structures - Job Roles - Environmental Impact - Sustainability - BTEC Assignment to: summarise and demonstrate understanding of key issues.		Knowledge and skills - Joinery - BTEC Assignments to: - 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.		Knowledge and skills Course completion and sign-off activities, including any final re-submissions that may be permitted.	