



CURRICULUM PLAN

Constructing the built environment
BRAMHALL HIGH SCHOOL

Curriculum Intent

YEAR 10

To acquire skills, knowledge and understanding of topics associated with the construction Industry. To develop skills in three areas of trades including carpentry, bricklaying and electrical installations. To learn knowledge for the examination and its related content.

YEAR 11

To complete the controlled assessment which is 60% of the course assessment. To further learn knowledge for the examination and its related content.

YEAR 10

Term	Programme of Learning	Links to the National Curriculum / Specification / Additional	Assessments	What extra learning opportunities are planned?	Disciplinary Literacy
Term 1a & 1b	<p>Carpentry project to learn skills to enable the production of a wooden toolbox.</p> <p>To learn the function and use of hand tools associated with a carpenter/joiner.</p> <p>To learn about commonly used timbers and fixings within the trade.</p> <p>To learn about H&S associated within the trade.</p> <p>Buildings and structures.</p> <p>Infrastructure</p> <p>Building services</p>	<p>EDUCAS Constructing the built environment.</p> <p>1.1.1 Buildings and structures.</p> <p>1.1.2& 1.3.1 Infrastructure</p> <p>1.1.3 Building services</p> <p>1.1.4 Professionals, trades people and job descriptions</p> <p>1.2.1.& 1.2. 2 Manufacturing materials</p> <p>1.2.1-1.2.6 Maintenance, demolition disposal, reuse and recycling.</p>	<p>PowerPoint associated with the role of carpenters and joiners.</p> <p>The toolbox construction.</p> <p>Pages and questions of workbook</p>	<p>Look at and learn other trades work not in the three areas specifically taught and complete some tasks.</p>	<p>Wood</p> <p>coniferous</p> <p>deciduous</p> <p>universal</p> <p>chisel</p> <p>tenon</p> <p>halving</p> <p>kerf</p> <p>Sustainable</p>

	<p>Professionals, trades people and job descriptions</p> <p>Manufacturing materials</p> <p>Maintenance, demolition disposal, reuse and recycling.</p>				
Term 2a & 2b	<p>Electrical installation of sockets and switched light fitting.</p> <p>To learn the function and use of hand and power tools associated with an Electrician to enable the fitting of plug sockets and light fittings Including switch.</p> <p>Trades employment and careers.</p> <p>Electrical operations.</p> <p>Types of buildings.</p> <p>Components of low-rise buildings.</p>	<p>1.7.1-1.7.8 Trades employment and careers.</p> <p>3.3.1. 3.3.2. Electrical operations</p> <p>1.3.2.-1.3.8. Types of buildings.</p> <p>1.4.1. Components of low-rise buildings.</p> <p>1.4.2. Materials used in constructing. walls services and roofs.</p> <p>1.4.3. Renewable technologies.</p> <p>1.5.1.-1.5.3. Building structures.</p>	<p>PowerPoint associated with the role of an Electrician.</p> <p>The Installation of plug sockets, light fitting and switch.</p> <p>Pages and questions of workbook</p>	<p>Look at and learn other trades work not in the three areas specifically taught and complete some tasks.</p>	<p>Carpenter</p> <p>Joiner</p> <p>Plasterer</p> <p>Decorator</p> <p>Mason</p> <p>Dwelling</p> <p>Lintel</p> <p>Heritage</p> <p>Sustainable preservation</p>

	<p>Materials used in constructing. walls services and roofs.</p> <p>Renewable technologies.</p> <p>Building structures.</p> <p>Heritage and traditional methods.</p> <p>Benefits of sustainable construction.</p> <p>Pollution and preservation.</p> <p>Sustainable building materials.</p> <p>Brown field and greenfield sites</p>	<p>1.5.4. Heritage and traditional methods.</p> <p>1.6.1. Benefits of sustainable construction.</p> <p>1.6.2. Pollution and preservation.</p> <p>1.6.3. Sustainable building materials.</p> <p>1.6.5. Brown field and greenfield sites.</p>			
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CURRICULUM PLAN – GRAPHIC COMMUNICATION

<p>Term 3a & 3b</p>	<p>To learn the function and use of hand and power tools associated with bricklayers to enable the building of wall panels and a quoin.</p> <p>Site health and safety.</p> <p>Legislation.</p> <p>P.P.E. risks and control measures</p> <p>Working at height and enclosed spaces.</p> <p>Drawing plans.</p> <p>Introduction to Construction NEA</p>	<p>1.8.1, 1.8.2., 1.8.5. Site health and safety.</p> <p>1.8.3. Legislation.</p> <p>1.8.4. 3.3.3. 3.9.2. P.P.E. risks and control measures</p> <p>1.8.6. Working at height and enclosed spaces.</p> <p>2.3.1.-2.3.4. Drawing plans.</p> <p>Construction NEA</p>	<p>PowerPoint associated with the role of a bricklayer.</p> <p>The building of wall panel and quoin.</p> <p>Pages and questions of workbook</p>	<p>Look at and learn other trades work not in the three areas specifically taught and complete some tasks.</p>	<p>Facing Legislation perps mortar gauge quoin Stretcher Bond</p>
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YEAR 11

Term	Programme of Learning	Links to the National Curriculum / Specification / Additional	Assessments	What extra learning opportunities are planned?	Disciplinary Literacy
Term 1a & 1b	<p>Construction NEA</p> <p>Interpret sources of Information for three selected tasks.</p> <p>Outline success criteria for all three tasks.</p> <p>Prepare construction site for first task.</p> <p>Carry out first task safely.</p>	NEA	NEA	None	<p>Interpret Criteria</p> <p>Prepare Indicative</p>

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Term 2a	<p>Prepare construction site for second task.</p> <p>Carry out second task safely.</p> <p>Prepare construction site for third task.</p> <p>Carry out third task safely.</p> <p>Evaluation of all three tasks.</p>				
Term 2b	<p>Submission of Controlled Assessment.</p> <p>End of practical work</p>				

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Term 3a	Revision for examination.				
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