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| **Year 10 Curriculum Overview [2023-2024]**  **Subject: BTEC Tech Award- Construction** | | | | | | |
| **Autumn Term** | **Knowledge & Understanding** | | | **Literacy Skills**  **Opportunities for**  **developing**  **literacy skills** | **Employability Skills**  **[if any]** | **Assessment Opportunities** |
| **Composites** | **Components**  **[KEY concepts & subject specific vocab]** | **Formal Retrieval**  **[if any]** |
| HT1 | * Construction Industry * Impacts on the wider society * Structure design on buildings * Construction industry work | * Aesthetics & appearance * Sustainability * Functionality * Occupant & public safety * Inclusion of the community – employment opportunities * Jobs available in the industry * Structures of walls, floors, roofs of a building. * Groundworks and foundations | * Different jobs available * Residential, industrial, commercial jobs. * Key word / jobs definition. | * Writing independently * Independent reading / researching * Key words spellings | * Knowing different construction skills available. * Research skills * Independent working * Listening skills * Communication skills. | * Formative assessment based around identifying / justifying / outlining / evaluating the work of the construction industry. |
| HT2 | * Understanding the different types of carpentry and joinery tasks. * Developing a risk Assessment considering Health and Safety | * Different types of tools and equipment used in carpentry and joinery tasks. * Timber joints * Health and Safety in the workshop environment * Writing a risk assessment | * Tools an equipment used in KS3. * Consider Health and safety that was taught and used in KS3 practical lessons. | * Writing independently * Key words – meanings * Planning * Practical preparation for carpentry and joinery tasks. | * Understanding the needs of a risk assessment in the work place. * Creating a safe working environment | Formative assessment based around identifying / justifying / outlining / evaluating the work of the construction industry. |
| **Year 10 Curriculum Overview [2023-2024]**  **Subject: BTEC Tech Award- Construction** | | | | | | |
| **Spring**  **Term** | **Knowledge & Understanding** | | | **Literacy Skills**  **Opportunities for**  **developing**  **literacy skills** | **Employability Skills**  **[if any]** | **Assessment Opportunities** |
| **Composites** | **Components**  **[KEY concepts & subject specific vocab]** | **Formal Retrieval**  **[if any]** |
| HT3 | * Tools * Materials | * Different tools to work with.   Setting-Out Tools  Hand Tools  Different general equipment   * Different Materials to work with.   Hardwoods  Softwoods  Man-made woods   * Performance requirements of materials used in the industry. | * Use of the tools * Names of tools * Properties of materials | * Writing skills to inform. * Keywords definitions. * Evaluating the use of equipment. | * Numeracy * Independence * Presentation Skills using ICT * Communication skills * Organisation skills | * Formative assessment based around identifying / justifying / outlining / evaluating the tools and materials. |
| HT4 | * Health and Safety * Joints | * Risk assessments * Hazards * Control measures. * Construction of different joints | * Risks and hazards that may occur. | * Listening skills * Key vocabulary * Evaluating what has been made. | * Team working * Safety in the workshop * Listening skills * Numeracy / measurements | * Final assessment based on portfolio of work. |
| **Year 10 Curriculum Overview [2023-2024]**  **Subject: BTEC Tech Award- Construction** | | | | | | |
| **Summer**  **Term** | **Knowledge & Understanding** | | | **Literacy Skills**  **Opportunities for**  **developing**  **literacy skills** | **Employability Skills**  **[if any]** | **Assessment Opportunities** |
| **Composites** | **Components**  **[KEY concepts & subject specific vocab]** | **Formal Retrieval**  **[if any]** |
| HT5 | * Technical drawing * Writing a Client Brief. * Mathematical application in construction | * 2-point perspective drawing * Drawing floor plans * Drawing a site plan * Solving problems involving client requirements, location, site size etc. | * Technical drawing from KS3 * Area | * Keywords definitions * Listening skills * Evaluating the use of the materials in practical construction | * Presentation skills using ICT * Planning * Numeracy * Independent working | * Formative Assessment based around evaluating construction methods in a practical context. |
| HT6 |