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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.
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| 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.
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| 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.
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| **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.
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| HT6 |