Subject: Construction

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| **Subject Leader** |
| Danny Page |
| **National Curriculum** |
| Construction in year 9 is a combination of enrichment and learning basic practical hand skills that will allow them to progress into key stage 4.  Students will develop basic skills in measuring, marking & cutting while learning about design, presentation and construction.  Key stage 4 design and technology offers the Level 1/ 2 Eduqas/ WJEC Vocational Award in Construction and the Built Environment (Technical Award) or alternatively the NCFE Level 1 Certificate in Occupational Studies for the Workplace. Both of these support students’ learning, development and basic knowledge of the construction industry. |
| **Curriculum Intent** |
| To offer an alternative to academic core subjects and develop real-life practical and transferable skills that will last a lifetime; these will also include soft skills such as self-esteem building, teamwork, self-control, creativity and problem solving.  To offer students meaningful and relevant qualifications that can be built upon in their post-16 provisions. This will be achieved through a wide range of teaching & nurturing styles and a variety of learning contexts. |
| **Curriculum Implementation** |
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| **Curriculum Implementation** |
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Be able to plan and sequence a logical plan of work  Identify tools equipment and processes used to complete construction projects  Be able to plan for construction projects  Skill building activities - use a range of skills and techniques to complete various construction tasks | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction tasks  Interpret technical sources of information  Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction task | | 2 | To identify resources required to complete tasks  Use a range of skills and techniques to complete various construction tasks  Produce practical outcome which meets technical specification and brief  Develop an understanding of safe working practices  Become independent when completing tasks  Set success criteria for completion of project  Be able to plan and sequence a logical plan of manufacture  Identify tools equipment and processes used to complete construction projects  Be able to plan for construction projects  Skill building activities - use a range of skills and techniques to complete various construction tasks | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction tasks  Plan sequence of work to meet requirements of sources of information  Identify resources required to complete construction task  Set success criteria for completion of construction task | | Spring Term | 3 | To identify resources required to complete tasks  Use a range of skills and techniques to complete various construction tasks  Produce practical outcome which meets technical specification and brief  Develop an understanding of safe working practices  Become independent when completing tasks  Unit 3 – Skills development relevant to all areas of content for trade-based task 1 | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction tasks  Identify resources required to complete construction tasks  Calculate materials required to complete construction tasks  Prepare for construction tasks  Apply techniques in completion of construction tasks  Apply health and safety practices in completion of construction tasks | | 4 | To identify resources required to complete tasks  Use a range of skills and techniques to complete various construction tasks  Produce practical outcome which meets technical specification and brief  Develop an understanding of safe working practices  Become independent when completing tasks  Unit 3 – Skills development relevant to all areas of content for trade-based task 1 | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction tasks  Identify resources required to complete construction tasks  Calculate materials required to complete construction tasks  Prepare for construction tasks  Apply techniques in completion of construction tasks  Apply health and safety practices in completion of construction tasks | | Summer Term | 5 | To identify resources required to complete tasks  Use a range of skills and techniques to complete various construction tasks  Produce practical outcome which meets technical specification and brief  Develop an understanding of safe working practices  Become independent when completing tasks  Unit 3 – Skills development relevant to all areas of content for trade-based task 2 | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction tasks  Identify resources required to complete construction tasks  Calculate materials required to complete construction tasks  Prepare for construction tasks  Apply techniques in completion of construction tasks  Apply health and safety practices in completion of construction tasks | | 6 | To identify resources required to complete tasks  Use a range of skills and techniques to complete various construction tasks  Produce practical outcome which meets technical specification and brief  Develop an understanding of safe working practices  Become independent when completing tasks  Unit 3 – Skills development relevant to all areas of content for trade-based task 2 | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction tasks  Identify resources required to complete construction tasks  Calculate materials required to complete construction tasks  Prepare for construction tasks  Apply techniques in completion of construction tasks  Apply health and safety practices in completion of construction tasks | |  | **Term** | | **Content/Topics** | **Assessment (including formal exam options)** | | **Year 11** | Autumn Term | 1 | To identify resources required to complete tasks  Use a range of skills and techniques to complete various construction tasks  Produce practical outcome which meets technical specification and brief  Develop an understanding of safe working practices  Become independent when completing tasks  Unit 1 – Introduction to the construction sector  Unit 1 – The Built Environment life cycle  Unit 1 – Types of building and structure  Unit 1 – Technologies and materials  Unit 3 – Skills development relevant to all areas of content for trade-based task 3 | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction tasks  Identify resources required to complete construction tasks  Calculate materials required to complete construction tasks  Prepare for construction tasks  Apply techniques in completion of construction tasks  Apply health and safety practices in completion of construction tasks | | 2 | To identify resources required to complete tasks  Use a range of skills and techniques to complete various construction tasks  Produce practical outcome which meets technical specification and brief  Develop an understanding of safe working practices  Become independent when completing tasks  Unit 1 – Building structures and forms  Unit 1 – Sustainable construction methods  Unit 1 – Trade, employment and careers  Unit 1 – Health and safety  Unit 3 – Skills development relevant to all areas of content for trade-based task 3  Learners will be able to critically evaluate the quality of construction tasks.  Key questions to be addressed:  What did you do well?  How could you improve the outcome?  What did you find challenging? | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction tasks  Identify resources required to complete construction tasks  Calculate materials required to complete construction tasks  Prepare for construction tasks  Apply techniques in completion of construction tasks  Apply health and safety practices in completion of construction tasks  Evaluatequality of construction tasks. Written presentation including photographic evidence. | | Spring Term | 3 | To identify resources required to complete tasks  Use a range of skills and techniques to complete various construction tasks  Produce practical outcome which meets technical specification and brief  Develop an understanding of safe working practices  Become independent when completing tasks  Unit 1 – Building structures and forms  Unit 1 – Sustainable construction methods  Unit 1 – Trade, employment and careers  Unit 1 – Health and safety  Unit 3 – Skills development relevant to all areas of content for trade-based task 3  Learners will be able to critically evaluate the quality of construction tasks.  Key questions to be addressed:  What did you do well?  How could you improve the outcome?  What did you find challenging? | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction tasks  Identify resources required to complete construction tasks  Calculate materials required to complete construction tasks  Prepare for construction tasks  Apply techniques in completion of construction tasks  Apply health and safety practices in completion of construction tasks  Evaluatequality of construction tasks. Written presentation including photographic evidence. | | 4 | To identify resources required to complete tasks  Use a range of skills and techniques to complete various construction tasks  Produce practical outcome which meets technical specification and brief  Develop an understanding of safe working practices  Become independent when completing tasks  Unit 1 – summary, recap and revision  Eduqas/ WJEC - Unit 3 externally set assessment preparation for submission to moderator | Identify resources required to complete construction tasks  Apply health and safety practices in completion of construction task | | Summer Term | 5 | Learners will be able to critically evaluate the quality of construction tasks  Key questions to be addressed:  What did you do well?  How could you improve the outcome?  What did you find challenging?  NCFE completion of evidence and portfolios for internal verification | Submission of unit 3 coursework for external moderation | | 6 | Unit 1 externally set examination preparation | NCFE – submission of sample for external verification  Eduqas/ WJEC - Unit 1 summative assessment externally set exam | |