

# CURRICULUM OVERVIEW 2018-19



# BTEC Construction Year 10

Success for All through Achievement, Challenge & Enjoyment



## Curriculum Overview 2018-19

Year group: 10

Subject btec construction

Periods per fortnight: 2 (one theory and one practical)

Term	Topics studied Add dates and any assessments included	Extended learning opportunities (homework, controlled assessments, field work, trips etc.)	How parents could support students
Autumn Term	Unit 2 construction and design  Understanding the work of the construction industry  1. Describing range of work undertaken by the building industry 2. Describe the contributions that the construction industry makes to society 3. How to make a client brief for a given project? 4. Looking at constraints for a given project 5. Research sustainability in construction 6. Produce drawings of a concept house with annotation  ASSESSMENT WKB 19 <sup>th</sup> Nov -30 Nov	Regular flipped learning homework are set on Google classroom for example  1. explain the local contributions made by construction industry to society  2. Evaluate the local and national contributions to society.	1. Make sure students are a equipped properly 2. Ensure the students complete homework
Spring Term	Unit 6 exploring carpentry and joinery 7. Measure and mark out 4 different joints to a given specification 8. Produce a frame with 4 different joint to a given specification 9. Explain the selection of different carpentry tools and materials 10. Carry out risk assessment for workshop	3Justify the selection of tools, materials and equipment for joinery task.	As above and to support when students are not achieving their grades
Summer Term	Unit3 scientific and mathematical  11. Explain the action and effects of forces on construction materials 12. Explain the effects of temperature changes on construction materials 13. Using graphs in construction to solve construction problems 14. Using trigonometry and Pythagoras for problem solving	4 to complete tasks to merit or distinction	As above

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