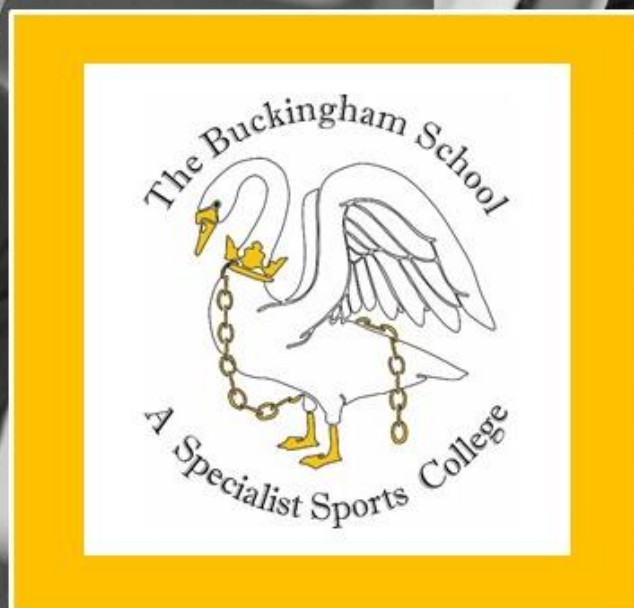


CURRICULUM OVERVIEW 2018-19



BTEC Construction Year 9

Success for All through Achievement, Challenge & Enjoyment



Curriculum Overview 2018-19

Year group: 9 b,c,d

Subject Betec 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	<p>Construction the Basics.</p> <p>The wood work Preparation and math needed for the Curriculum is set up to enable students to learn the basics of how a building is formed and constructed. This is achieved through a series of practical and theory lessons.</p> <ol style="list-style-type: none"> 1. Heath Safety in the workshop 2. How to use calculations in construction? 3. Range of work in construction industry. 4. Seasonality- fruit salad 5. Producing carpentry joints 6. Understanding construction drawing. 7. How to self-assess their work. <p>ASSESSMENT WKB 19th Nov -30 Nov</p>	<p>Regular flipped learning homework are set on Google classroom for example</p> <ol style="list-style-type: none"> 1.research different materials used in the construction industry 2.Exploded different types of drawing techniques 3.completeing trigonometry in construction problem solving. 	<ol style="list-style-type: none"> 1. Make sure students have the correct equipment. Eg pencil 2. How to research.
Spring Term	<p>Construction the Basics</p> <p>Continuing: -</p> <ol style="list-style-type: none"> 8. Produce carpentry joints using different tools 9. Looking at the social aspects of the construction industry 10. How to use graph's in construction? 11. Check and test <p>ASSESSMENT WKB</p>	<ol style="list-style-type: none"> 7. explore different types of material's and how they act in extreme weathers. 8 research shapes of building and how they react under different forces. 9. Revision 	<p style="text-align: center;">Same as above</p>

<p>Summer Term</p>	<p>Construction the Basics</p> <p>11 produce a dovetail joint.</p> <p>12. Design a stair case and show all British standards</p> <p>13. Draw and plan view of their site to a scale of 1:200</p> <p>14. Soil investigation and foundation types</p> <p>15. Thermal movement in construction materials</p> <p>ASSESSMENT WKB</p>	<p>12. lowing a roof using trigonometry</p> <p>13 producing a dovetail joint to a distinction</p>	<p>Same as above</p>
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