

Sixth Form Summer Transition Work

Welcome to Arnewood Sixth! You are about to embark on a busy and important two years of sixth form study.

Sixth form life is very different. You are going to feel much more independent, empowered and responsible for your own learning. The expectation is that this journey is down to you. You need to commit and relish in the challenge of sixth form life; ambition, belief and commitment are essential for your success.

Below is a transition activity designed for you to complete over the late spring into summer in preparation for your chosen course. By completing the task, you will be better prepared for the start of your course. Your A level teachers will check the work in September. Your commitment starts now!

Subject	Construction – Sustainability	
Key Question	How is sustainability achieved in construction?	
Resource List	<p>BTEC Level 3 National Diploma in Construction and the Built Environment specification.</p> <p>Sustainable case study 1</p> <p>Sustainable case studies</p> <p>The 2012 Olympic stadium</p>	<p>https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Construction-and-the-Built-Environment/2017/specification/9781446944110-btec-nat-dip-spec.pdf</p> <p>https://www.youtube.com/watch?v=7l0caaHWobo</p> <p>http://www.sustainablebuild.co.uk/GreenBuildingsCategory.html</p> <p>https://www.queenelizabetholympicpark.co.uk/-/media/geop/files/public/misc-documents/lldc_your_sustainability_guide_to_the_queen_elizabeth_olympic_park2030.ashx?la=en</p>

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Your Task	<p>There are 3 parts to your Transition task:</p> <p>Task 1: The specification for Level 3 Construction is a large document however, it would be useful for you to access and read the 'Assessment Criteria' for the units that you will be studying next year. This is on a page towards the end of the information about each unit. The units that you will be covering next year are Unit 6, 7, 8, 9, 10, 17 .</p> <p>Task 2: Tittle 'Sustainable case study'</p> <ul style="list-style-type: none"> - <i>Use the links above to 'Sustainable case study 1' and watch the film clip</i> - <i>Identify each technique used in the building to create a sustainable home.</i> - <i>Using pictures and notes explain other options available for sustainable construction below:</i> <i>Ground source heat pumps</i> <i>Air source pumps</i> <i>Off site prefabrication</i> <p>Task 3: The London Olympic Games in 2012 aimed to be the most sustainable Olympics ever. Carry out a study of the different sustainable aspect incorporated in the Games legacy.</p> <ul style="list-style-type: none"> - Use subtitles, pictures and notes to explain the different aspects of sustainability - There is a useful link in the resources above to help you with your study however, there is also a range of other resources available. - This is an extended study and will not be able to be completed in one go.
Additional resources	