



Construction

The study of Constructing the Built Environment at Woodlands School offers the exciting opportunity to prepare pupils for a career in the construction industry, fully furnishing them with the knowledge and skills required to take the next steps in their training.

Pupils acquire a broad range of subject knowledge and draw on disciplines such as maths, science and engineering. Throughout the course pupils will develop their knowledge of health and safety, planning skills and practical skills within construction and how to apply them in a wide range of scenarios and contexts.

An overview of the topics covered in KS3 and KS4 - this can be bullet pointed

Unit 1: Pupils develop an assured knowledge of Health and Safety and how to apply it in a wide variety of scenarios and contexts by demonstrating understanding of the following:

- Security
- Safety signs
- Risk assessments and control measures
- Safety and security on site
- HSE powers
- Employers and employees responsibilities.

Unit 1 Assessment: 1 hour online exam which emulates the CSCS test for the construction industry.

Unit 2: Pupils develop their practical construction skills through tasks such as Plasterboard installation, Painting and decorating, Electric socket installation and Tiling and will demonstrate the following skills:

- Use of tools
- Measuring
- Calculations
- Sequencing of tasks
- Evaluations

Unit 2 Assessment: Written coursework in Practical skills

Unit 3: Pupils have the chance to gain experience and understanding of planning and organising construction projects, from the acquisition of land through the whole build sequence to handing over the keys to the new owner and will demonstrate the following skills:

- Gantt charting
- Job roles and responsibilities
- Budgeting
- Planning
- Costing
- Calculating materials required





A 'beyond the classroom,' section

Construction club (currently not running due to COVID)

A 'useful links,' section with links to any websites you think may help pupils e.g. revision websites etc.

KS4

https://www.wjec.co.uk/ed/qualifications/constructing-the-built-environment-level-1-2/#tab_overview

https://www.illuminatepublishing.com/index.php?main_page=product_info&cPath=34&products_id=228

<https://www1.uwe.ac.uk/et/cp/erbe/constructionfilms.aspx>

<https://expeditionworkshed.org/>

<http://www.cbelearning.com/students/default.aspx>

