

Springwood High School Construction Curriculum Plan

Our Vision:

To improve young people's practical skills and subject knowledge in Construction, with skills involving, bricklaying, carpentry and painting and decorating. New and emerging technologies, Sustainability

Brief overview of topics, themes, skills or key questions for each term:

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	Introduction to Construction. Workshop and construction site Unit 1 Health and Safety. Security in construction. Hazards and risks. Risk assessments.	Workshop and construction site Health and Safety. Security in construction. Hazards and risks. Safety signs. Use of tools and equipment in construction. Evaluations to examine strengths and weaknesses Retrieval techniques to develop subject knowledge, key words and terminology	Calculations on working out area, perimeters and volume. Types of materials used in construction. What a gantt chart is, and how it is used.	Concentrating on Carpentry trade, what is involved, types of work they do	Concentrating on Bricklaying trade what is involved, types of work they do	Concentrating on Painting and decorating trade what is involved, types of work they do Evaluations to examine strengths and weaknesses Retrieval techniques to develop subject knowledge, key words and terminology
	Practical: Developing marking out and cutting skills in carpentry. Cutting mitre joints.	Practical: Developing marking out and cutting skills in carpentry. Mortise and Tenon joints	Practical: Developing bricklaying skills, how to prepare and set up work area. How to use the	Practical: Developing bricklaying skills, building small walls stretcher bond	Practical: Developing painting and decorating skills, how to prepare work surfaces and protection to surrounding areas.	Practical: Developing painting techniques with brush and roller.

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			trowel. Building small pyramid			
11	<p>Developing construction projects. Interpret technical information. Recap on working out area, perimeters and volume. Prepare for construction tasks.</p>	<p>Identifying resources and materials to complete construction tasks. Preparing and writing up for assessments with written layout for all three practical assessments, covering carpentry, bricklaying and painting and decorating.</p>	<p>Recapping Unit 1, Unit 2. Calculate materials required to complete construction tasks, set success criteria for completion of construction tasks</p>	<p>Revision on Unit 1. February, first online exam with WJEC Unit 1 Safety and security Evaluations to examine strengths and weaknesses Retrieval techniques to develop subject knowledge, key words and terminology</p>	<p>Planning Construction projects, responsibilities involved in construction, calculate resources to meet requirements for built environment development projects. Potential effect of factors on project success</p>	<p>Revision for Unit 3. May, second online exam with WJEC Unit 3 Planning construction projects. Writing evaluations to practical assessments.</p>
	<p>Practical: Practice with mortise and Tenon joint, preparing for assessment Practical - retrieval skills, techniques and processes Revision: tips and techniques for the written exam, practise papers</p>	<p>Practical: Assessment, Mortise and Tenon sash frame</p>	<p>Practical: Practice bricklaying skills and techniques, preparing for assessment Practical - retrieval skills, techniques and processes Revision: tips and techniques for the written exam, practise papers</p>	<p>Practical: Assessment, Building stretcher bond wall with a pattern.</p>	<p>Practical: Practice painting and decorating skills and techniques preparing for assessment Practical - retrieval skills, techniques and processes Revision: tips and techniques for the written exam, practise papers</p>	<p>Practical: Assessment, Prepare work surfaces to be filled and painted and decorated</p>

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Enrichment Activities:

Super Learning Days: Sustainability Year 7

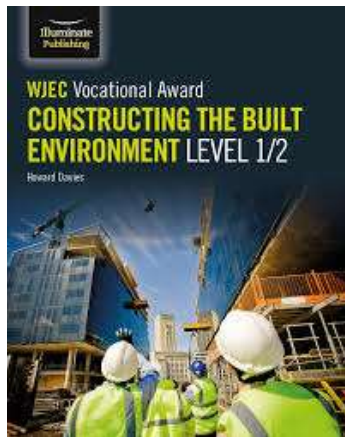
Trips: Year 10, 11, Construction sites or CITB (Venue being confirmed)

Open Evenings: Year 10 & 11's can volunteer as ambassadors to promote Construction to Year 6's Open Evening.

Clubs & Support:

- T2 or Workshop is open lunch-time for student's to work with Mr Pightling for extra support.
- Form time to meet one to one to set targets and give support

Main Textbook and Revision guide: WJEC Vocational Award Constructing the Built Environment Level 1/2



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