

Year 7	Year 8	Year 9	Year 10	Year 11
<p><b>Autumn 1</b></p> <p><b>Desk Tidy</b> Focus on primary assessment of new students Introduction to health and safety in the workshop Introduction to Design and Technology and Construction skills:</p> <p><b>AC1.2</b> Identify <b>safety signs</b> used by construction industry and workshops unit 1</p> <p><b>AC2.1</b> Identify <b>resources</b> required to complete construction and Design Technology tasks unit 2</p> <p><b>AC3.1</b> Sequence <b>processes</b> to be Followed unit 3</p> <p><b>UNIT 1, 2 and 3</b></p> <p><b>ASS: Self assess project performance against sequence criteria (are you on target if not what do you need to do to get there)</b></p>	<p><b>Bedside cabinets</b></p> <p>Scaling up from mini wardrobe looking at making the cabinet unique to your preference adding different finishes.</p> <p><b>AC3.2</b> Apply <b>health and safety</b> practices in completion of construction tasks unit 1</p> <p><b>AC2.2 Calculate</b> materials required to complete construction tasks unit 2</p> <p><b>AC1.1</b> Describe activities of <b>those involved in construction projects unit 3</b></p> <p><b>ASS: Self assess project performance against sequence criteria (are you on target if not what do you need to do to get there)</b></p>	<p><b>Furniture Build – Chairs</b></p> <p><b>Using the skills used in the end of year 8, research Design and produce a list of materials and equipment needed to build a chair for yourself or someone you know.</b></p> <p><b>AC3.2</b> Recommend health and safety control measures in different <b>Situations unit 1</b></p> <p><b>AC3.1</b> Apply <b>techniques</b> in completion of construction and Design Technology tasks unit 2</p> <p><b>AC2.1</b> Describe <b>processes</b> used in built environment development and Design Technology projects unit 3</p> <p><b>ASS: Self assess project performance against sequence criteria (are you on target if not what do you need to do to get there)</b></p>	<p><b>Construction – Safety, Security and Planning</b></p> <p>Health and Safety legislation and practices used in the Construction industry. Understand how built environment projects are realised and plan built environment projects.</p> <p>AC: 1.1 – 1.4 Unit 1 AC: 3.1 UNIT 2 AC: 2.1, 3.1- 3.4 Unit 3</p> <p><b>ASS: Unit 1 Examination practice paper for AC: 1.1 – 1.4 Unit 1</b></p>	<p><b>Planning construction projects</b> This based on a construction project set out by WJEC</p> <p><b>Looking at how is involved in a construction projects and what their involvement is in it and looking at their responsibilities within the project.</b></p> <p><b>AC:1.1-1.3 UNIT 3</b> <b>AC:3.1 unit 2</b></p> <p><b>ASS: Unit 3 Examination practice paper for AC: 1.1 – 1.3 Unit 3</b></p>

Autumn 2	<p style="text-align: center;"><b>Desk Tidy</b></p> <p>Focus on primary assessment of new students Introduction to health and safety in the workshop Introduction to Design and Technology and Construction skills:</p> <p><b>AC1.2</b> Identify <b>safety signs</b> used by construction industry and workshops unit 1</p> <p><b>AC2.1</b> Identify <b>resources</b> required to complete construction and Design Technology tasks unit 2</p> <p><b>AC3.1</b> Sequence <b>processes</b> to be Followed unit 3</p> <p style="text-align: center;"><b>UNIT 1, 2 and 3</b></p> <p><i>ASS: Evaluate your work write what went well and how you could improve your piece of work. Design safety signs for the workshop.</i></p>	<p style="text-align: center;"><b>Bedside cabinets</b></p> <p>Scaling up from mini wardrobe looking at making the cabinet unique to your preference adding different finishes.</p> <p><b>AC3.2</b> Apply <b>health and safety</b> practices in completion of construction tasks unit 1</p> <p><b>AC2.2</b> <b>Calculate</b> materials required to complete construction tasks unit 2</p> <p><b>AC1.1</b> Describe activities of <b>those involved</b> in <b>construction projects</b> unit 3</p> <p><i>ASS: Evaluate your work write what went well and how you could improve your piece of work, mini exam on AC3.2,AC2.2 and AC1.1</i></p>	<p style="text-align: center;"><b>Furniture Build – Chairs</b></p> <p>Using the skills used in the end of year 8, research <b>Design</b> and produce a list of materials and equipment needed to build a chair for yourself or someone you know.</p> <p><b>AC3.2</b> Recommend health and safety control measures in different <b>Situations</b> unit 1</p> <p><b>AC3.1</b> Apply <b>techniques</b> in completion of construction and Design Technology tasks unit 2</p> <p><b>AC2.1</b> Describe <b>processes</b> used in built environment development and Design Technology projects unit 3</p> <p><i>ASS: Evaluate your work write what went well and how you could improve your piece of work.</i></p>	<p><b>Construction – Safety, Security and practical construction tasks,</b></p> <p>Looking the hazards and risks in any construction project and starting different construction tasks,</p> <p><b>AC: 2.1-2.3 unit 1</b> <b>AC: 3.1 unit 2</b></p> <p><i>ASS: Unit 1 Examination practice paper for AC: 2.1-2.3 Unit 1</i></p> <p>Trip V and A museum architectures and environmentally friendly buildings.</p>	<p><b>Planning construction projects</b> This based on a construction project set out by WJEC</p> <p><b>Looking at the process of a project calculating all the cost for the project looking at area, volume the labour and the materials. Looking at the information given and interpreting the ii also looking at the effects it could have on the environment.</b></p> <p><b>AC:2.1-2.4 unit 3</b> <b>AC:3.1 unit 2</b></p> <p><i>ASS: Unit 3 Examination practice paper for AC: 2.1 – 2.4 Unit 3</i></p>
Spring 1	<p style="text-align: center;"><b>Crocodile wooden toy</b> <b>To be able to use timber and different tools to make a moving wooden toy.</b></p> <p><b>AC2.1</b> Identify hazards to health and safety in different <b>situations</b> unit 1</p> <p><b>AC2.1</b> Identify <b>resources</b> required to complete construction and design Technology tasks Unit 2</p> <p><b>AC2.4</b> <b>Prepare</b> for construction and Design Technology tasks unit 2</p>	<p style="text-align: center;"><b>Ottoman/ storage solutions</b></p> <p>Looking at storage solutions and security of its contents.</p> <p><b>AC4.1</b> Identify risks to <b>security</b> in Construction and Design Technology in different situations unit 1</p> <p><b>AC2.4</b> <b>Prepare</b> for construction tasks unit 2</p> <p><b>AC2.2</b> <b>Calculate resources</b> to meet</p>	<p style="text-align: center;"><b>Furniture Build – Tables</b></p> <p>Using the skills learnt from making the Chair, we will be looking at making a table to go with the chair or a table needed within a house hold or for you, ie home work table, table for siblings.</p> <p><b>AC4.2</b> Describe <b>measures</b> used in construction to minimise risk to the owner of the table unit 1</p>	<p><b>Construction – Safety, Security and practical construction tasks,</b></p> <p><b>Having looked at the hazards and risks in Construction in Autumn 2 we are now going to be looking at what a control measure is and how it can eliminate risks and hazards.</b></p> <p><b>AC:3.1-3.2 unit 1</b> <b>AC: 3.1 unit 2</b></p> <p><i>ASS: Unit 1 Examination practice paper for AC: 3.1-3.2 unit 1</i></p>	<p><b>Planning construction projects</b> This based on a construction project set out by WJEC</p> <p>Looking at the sequence of events what it tools used within construction to help with the project also looking at the time scale of the project and the cost implications if it runs over.</p> <p><b>AC:3.1-.3.4 unit 3</b> <b>AC:3.1 unit 2</b></p>

	<p><b>ASS: Self assess project performance against sequence criteria (are you on target if not what do you need to do to get there)</b></p> <p>Trip Lego land</p>	<p>requirements for built environment development and Design Technology projects Unit 3</p> <p><b>ASS: Self assess project performance against sequence criteria (are you on target if not what do you need to do to get there)</b></p>	<p><b>AC3.1</b> Apply <b>techniques</b> in completion of construction and Design Technology tasks unit 2</p> <p><b>AC2.3</b> Assess potential effect of <b>factors</b> on project success unit 3</p> <p><b>ASS: Self assess project performance against sequence criteria (are you on target if not what do you need to do to get there)</b></p>		<p><b>ASS: Unit 3 Examination practice paper for AC: 3.1 – 3.4 Unit 3</b></p> <p>Trip Careers fair for construction to see what job opportunities there are in construction and how to get them.</p> <p><b>MOCKS</b></p>
Spring 2	<p><b>Crocodile wooden toy</b> To be able to use timber and different tools to make a moving wooden toy.</p> <p><b>AC2.1</b> Identify hazards to health and safety in different <b>situations unit 1</b></p> <p><b>AC2.1</b> Identify <b>resources</b> required to complete construction and design Technology tasks Unit 2</p> <p><b>AC2.4 Prepare</b> for construction and Design Technology tasks unit 2</p> <p><b>ASS: Evaluate your work write what went well and how you could improve your piece of work. Compile a list of resources used to make the product, looking materials, tools and what type of finish to the product.</b></p>	<p><b>Ottoman/ storage solutions</b></p> <p>Looking at storage solutions and security of its contents.</p> <p><b>AC4.1</b> Identify risks to <b>security</b> in Construction and Design Technology in different situations unit 1</p> <p><b>AC2.4 Prepare</b> for construction tasks unit 2</p> <p><b>AC2.2 Calculate resources</b> to meet requirements for built environment development and Design Technology projects Unit 3</p> <p><b>ASS: Evaluate your work write what went well and how you could improve your piece of work. To prepare coatings and a sales pitch to sell your product.</b></p> <p>Trip London Eye</p>	<p><b>Furniture Build – Tables</b></p> <p>Using the skills learnt from making the Chair, we will be looking at making a table to go with the chair or a table needed within a house hold or for yourself, ie home work table, table for siblings.</p> <p><b>AC4.2</b> Describe <b>measures</b> used in construction to minimise risk to the owner of the table unit 1</p> <p><b>AC3.1</b> Apply <b>techniques</b> in completion of construction and Design Technology tasks unit 2</p> <p><b>AC2.3</b> Assess potential effect of <b>factors</b> on project success unit 3</p> <p><b>ASS: Evaluate your work write what went well and how you could improve your piece of work. To prepare coatings and a sales pitch to sell your product.</b></p>	<p><b>Construction – Safety, Security and practical construction tasks</b></p> <p><b>Looking at the security risk on construction projects looking at tools personal belongings and sensitive information.</b></p> <p><b>AC:4.1-4.2 unit 1</b> <b>AC:3.1 unit 2</b></p> <p><b>ASS: Unit 1 Examination practice paper for AC: 4.1-2.2 unit 1</b></p>	<p><b>practical construction tasks and Planning construction projects</b></p> <p>all course work to be completed and all construction assessments to be finished before work is submitted to WJEC.</p>

<p>Summer 1</p>	<p><b>Wardrobe/chest of draws for dolls clothes.</b></p> <p>To be able to design and be able to read and understand a specification work of a drawing.</p> <p><b>AC2.1</b> Identify hazards to health and safety in different <b>situations unit 1</b></p> <p><b>AC1.2 Plan</b> sequence of work to meet requirements of <b>sources of information unit 2</b></p> <p><b>AC3.3 Evaluate</b> quality of construction and Design Technology tasks unit 2</p> <p><b>ASS: Self assess project performance against sequence criteria</b> (are you on target if not what do you need to do to get there)</p>	<p><b>Various carpentry joints</b></p> <p>To start looking at different ways of joining wood together without using any fixings and by the end to be able to produce a wooden frame using different joints.</p> <p><b>AC2.3</b> Explain the <b>risk</b> of harm in two different situations unit 1</p> <p><b>AC2.4 Prepare</b> for construction and Design Technology tasks unit 2</p> <p><b>AC2.4</b> Interpret <b>sources of Information unit 3</b></p> <p><b>ASS: Self assess project performance against sequence criteria</b> (are you on target if not what do you need to do to get there)</p>	<p><b>Mini stud wall/ introduction to brickwork/construction.</b></p> <p>Looking at how Design Technology helps in Construction tasks using the skills you have learnt over the past three years.</p> <p><b>AC2.1</b> Identify hazards to health and safety in different <b>situations unit 1</b></p> <p><b>AC3.1</b> Apply <b>techniques</b> in completion of construction tasks unit 2</p> <p><b>AC1.1</b> Describe activities of <b>those involved in construction projects unit 3</b></p> <p><b>ASS: Self assess project performance against sequence criteria</b> (are you on target if not what do you need to do to get there)</p> <p>Trip HOAC team building day Gives the students the understanding why it's important to work as a team</p>	<p><b>practical construction tasks</b></p> <p>Looking at how we can interpret technical information, plan a sequence of work, looking at what materials are required and how much is needed.</p> <p>AC:1.1-1.2-2.1-2.2 unit 2 AC3.1 unit 2</p> <p><b>ASS: Unit 2 Examination practice paper for AC:1.1-1.2-2.1-2.2 unit 2</b></p>	<p>Wjec construction Examinations</p> <p>Paper 1: 1 hr Construction – Safety, Security UNIT 1</p> <p>Paper 2: 1 hr Construction planning unit 3</p>
<p>Summer 2</p>	<p><b>Wardrobe/chest of draws for dolls clothes.</b></p> <p>To be able to design and be able to read and understand a specification work of a drawing.</p> <p><b>AC2.1</b> Identify hazards to health and safety in different <b>situations unit 1</b></p> <p><b>AC1.2 Plan</b> sequence of work to meet requirements of <b>sources of information unit 2</b></p> <p><b>AC3.3 Evaluate</b> quality of construction and Design Technology tasks unit 2</p> <p><b>ASS: Evaluate your work write what went well and how you could improve your piece of work.</b> Compile a list of hazards you came across whilst making this product.</p>	<p><b>Various carpentry joints</b></p> <p>To start looking at different ways of joining wood together without using any fixings and by the end to be able to produce a wooden frame using different joints.</p> <p><b>AC2.3</b> Explain the <b>risk</b> of harm in two different situations unit 1</p> <p><b>AC2.4 Prepare</b> for construction and Design Technology tasks unit 2</p> <p><b>AC2.4</b> Interpret <b>sources of Information unit 3</b></p> <p><b>ASS: Evaluate your work write what went well and how you could improve your piece of work. To produce a four sided frame using four different joints you have learnt.</b></p>	<p><b>Mini stud wall/ introduction to brickwork/construction.</b></p> <p>Looking at how Design Technology helps in Construction tasks using the skills you have learnt over the past three years.</p> <p><b>AC2.1</b> Identify hazards to health and safety in different <b>situations unit 1</b></p> <p><b>AC3.1</b> Apply <b>techniques</b> in completion of construction tasks unit 2</p> <p><b>AC1.1</b> Describe activities of <b>those involved in construction projects unit 3</b></p>	<p><b>practical construction tasks</b></p> <p>Looking at checking that we have all the materials required and that they fit the BSC standard also looking at time scales and tolerances of material refreshing ourselves with what health and safety is needed to complete a construction task and that the work meets the grade ie quality of work.</p> <p>AC:2.3-2.4 unit 2 AC:3.2-3.3 unit 2 AC:3.1 unit 2</p> <p><b>ASS: Unit 2 Examination practice paper for AC:2.3-2.4-3.2-3.3 unit 2</b></p>	

			<p>ASS: Evaluate your work write what went well and how you could improve your piece of work. Mini exam on AC2.1, AC3.1 and AC1.1</p>		
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