

		TECHNICAL KNOWLEDGE					DESIGNING					MAKING					EVALUATION					
Examples of how you might demonstrate each objective		<ul style="list-style-type: none"> <li>Understanding materials like wood, plastics, or food ingredients, and the properties of those materials.</li> <li>Knowledge of processes, for example food preparation, graphic design principles, woodworking, or textile processes.</li> </ul>					<ul style="list-style-type: none"> <li>Generating &amp; developing design ideas.</li> <li>Employing appropriate design techniques for example CAD, sketching, 3d drawing or modelling.</li> </ul>					<ul style="list-style-type: none"> <li>Utilising practical skills and techniques for example sewing, typographic design, filing, or using utensils.</li> <li>Demonstrating precision and accuracy in the making process.</li> </ul>					<ul style="list-style-type: none"> <li>Critically analysing and evaluating the effectiveness of your design and making processes.</li> <li>Identifying and adapting to challenges during the design and making process.</li> </ul>					
		At times you can ...					At times you can ...					At times you can ...					At times you can ...					
		1. just	2. adequately	3. adequately	4. adequately	5.convincingly	1. just	2. adequately	3. adequately	4. adequately	5.convincingly	1. just	2. adequately	3. adequately	4. adequately	5.convincingly	1. just	2. adequately	3. adequately	4. adequately	5.convincingly	
7.8-7.9	EXCELLING - Sophisticated, perceptive and exceptional	<ul style="list-style-type: none"> <li>Demonstrate an exceptional understanding of a wide range of materials with the ability to select and justify choices.</li> <li>Express an exceptional knowledge of and processes with the ability to innovate within them.</li> </ul>					<ul style="list-style-type: none"> <li>Generate a range of innovative and varied design ideas, effectively considering a range of factors and constraints.</li> <li>Develop designs with precision, sophistication, and effective implementation of techniques.</li> </ul>					<ul style="list-style-type: none"> <li>Demonstrate mastery of a wide range of practical skills and techniques.</li> <li>Achieve exceptional precision and accuracy in all aspects of making.</li> </ul>					<ul style="list-style-type: none"> <li>Provide insightful critical analysis with a deep understanding of design principles.</li> <li>Demonstrate exceptional problem-solving skills, anticipating and addressing challenges with creativity and innovation.</li> </ul>					21-25
7.6-7.7	ACHIEVING - In depth, confident and insightful	<ul style="list-style-type: none"> <li>Demonstrate a good understanding of materials, applying knowledge effectively.</li> <li>Show a good understanding of processes and their applications.</li> </ul>					<ul style="list-style-type: none"> <li>Create a variety of design ideas with some originality and consideration of constraints.</li> <li>Develop detailed and coherent designs, considering materials and techniques.</li> </ul>					<ul style="list-style-type: none"> <li>Apply a range of practical skills and techniques with confidence.</li> <li>Demonstrate good precision and accuracy in making.</li> </ul>					<ul style="list-style-type: none"> <li>Demonstrate the ability to critically analyze and evaluate throughout the design and making process.</li> <li>Effectively identify and solve problems, adapting your designing or making as needed.</li> </ul>					16-20
7.3-7.5	DEVELOPING - competent and effective	<ul style="list-style-type: none"> <li>Understand materials and some of their properties.</li> <li>Demonstrate some understanding of processes and their applications.</li> </ul>					<ul style="list-style-type: none"> <li>Produce a range of design ideas with some consideration of constraints.</li> <li>Initiate the development of designs with some consideration to materials and techniques.</li> </ul>					<ul style="list-style-type: none"> <li>Demonstrate basic practical skills with some proficiency in techniques.</li> <li>Show precision and accuracy in making.</li> </ul>					<ul style="list-style-type: none"> <li>Analyse your design and making process demonstrating some critical thinking.</li> <li>Identify and solve problems with some success.</li> </ul>					6-15
7.1-7.2	EMERGING - Basic, minimal and simplistic	<ul style="list-style-type: none"> <li>Show an initial awareness of different materials used in design and technology.</li> <li>Demonstrate a basic understanding of how processes are applied.</li> </ul>					<ul style="list-style-type: none"> <li>Generate one or more design ideas.</li> <li>Demonstrate some development of design ideas.</li> </ul>					<ul style="list-style-type: none"> <li>Demonstrate basic practical skills and techniques.</li> <li>Show some accuracy in making.</li> </ul>					<ul style="list-style-type: none"> <li>Evaluate the effectiveness of your design and making process.</li> <li>Identify and solve problems with some support while designing or making.</li> </ul>					1-5

### Feedback

Green	Amber	Red
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### Effort

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### Student self-reflection

WWW –
EBI –

		TECHNICAL KNOWLEDGE					DESIGNING					MAKING					EVALUATION					
Examples of how you might demonstrate each objective		<ul style="list-style-type: none"> <li>Understanding materials like wood, food ingredients and metals, and the properties of those materials.</li> <li>Knowledge of processes, for example product analysis, electrical systems, branding principles or baking.</li> </ul>					<ul style="list-style-type: none"> <li>Generating &amp; developing design ideas.</li> <li>Employing appropriate design techniques for example CAD, sketching, 3d drawing or modelling.</li> </ul>					<ul style="list-style-type: none"> <li>Utilising practical skills and techniques for example preparing ingredients, soldering, layout &amp; composition or 3D Modelling.</li> <li>Demonstrating precision and accuracy in the making process.</li> </ul>					<ul style="list-style-type: none"> <li>Critically analysing and evaluating the effectiveness of your design and making processes.</li> <li>Identifying and adapting to challenges during the design and making process.</li> </ul>					
		You can usually...					You can usually...					You can usually...					You can usually...					
		1. just	2. adequately	3. adequately	4. adequately	5.convincingly	1. just	2. adequately	3. adequately	4. adequately	5.convincingly	1. just	2. adequately	3. adequately	4. adequately	5.convincingly	1. just	2. adequately	3. adequately	4. adequately	5.convincingly	
<b>8.8-8.9</b>	EXCELLING - Sophisticated, perceptive and exceptional	<ul style="list-style-type: none"> <li>Demonstrate an exceptional understanding of a wide range of materials with the ability to select and justify choices.</li> <li>Express an exceptional knowledge of and processes with the ability to innovate within them.</li> </ul>					<ul style="list-style-type: none"> <li>Generate a range of innovative and varied design ideas, effectively considering a range of factors and constraints.</li> <li>Develop designs with precision, sophistication, and effective implementation of techniques.</li> </ul>					<ul style="list-style-type: none"> <li>Demonstrate mastery of a wide range of practical skills and techniques.</li> <li>Achieve exceptional precision and accuracy in all aspects of making.</li> </ul>					<ul style="list-style-type: none"> <li>Provide insightful critical analysis with a deep understanding of design principles.</li> <li>Demonstrate exceptional problem-solving skills, anticipating and addressing challenges with creativity and innovation.</li> </ul>					21-25
<b>8.6-8.7</b>	ACHIEVING - In depth, confident and insightful	<ul style="list-style-type: none"> <li>Demonstrate a good understanding of materials, applying knowledge effectively.</li> <li>Show a good understanding of processes and their applications.</li> </ul>					<ul style="list-style-type: none"> <li>Create a variety of design ideas with some originality and consideration of constraints.</li> <li>Develop detailed and coherent designs, considering materials and techniques.</li> </ul>					<ul style="list-style-type: none"> <li>Apply a range of practical skills and techniques with confidence.</li> <li>Demonstrate good precision and accuracy in making.</li> </ul>					<ul style="list-style-type: none"> <li>Demonstrate the ability to critically analyze and evaluate throughout the design and making process.</li> <li>Effectively identify and solve problems, adapting your designing or making as needed.</li> </ul>					16-20
<b>8.3-8.5</b>	DEVELOPING - competent and effective	<ul style="list-style-type: none"> <li>Understand materials and some of their properties.</li> <li>Demonstrate some understanding of processes and their applications.</li> </ul>					<ul style="list-style-type: none"> <li>Produce a range of design ideas with some consideration of constraints.</li> <li>Initiate the development of designs with some consideration to materials and techniques.</li> </ul>					<ul style="list-style-type: none"> <li>Demonstrate basic practical skills with some proficiency in techniques.</li> <li>Show precision and accuracy in making.</li> </ul>					<ul style="list-style-type: none"> <li>Analyse your design and making process demonstrating some critical thinking.</li> <li>Identify and solve problems with some success.</li> </ul>					6-15
<b>8.1-8.2</b>	EMERGING - Basic, minimal and simplistic	<ul style="list-style-type: none"> <li>Show an initial awareness of different materials used in design and technology.</li> <li>Demonstrate a basic understanding of how processes are applied.</li> </ul>					<ul style="list-style-type: none"> <li>Generate one or more design ideas.</li> <li>Demonstrate some development of design ideas.</li> </ul>					<ul style="list-style-type: none"> <li>Demonstrate basic practical skills and techniques.</li> <li>Show some accuracy in making.</li> </ul>					<ul style="list-style-type: none"> <li>Evaluate the effectiveness of your design and making process.</li> <li>Identify and solve problems with some support while designing or making.</li> </ul>					1-5

### Feedback

Green	Amber	Red
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### Effort

1	2	3	4	5
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### Student self-reflection

WWW –
EBI –

		TECHNICAL KNOWLEDGE					DESIGNING					MAKING					EVALUATION					
Examples of how you might demonstrate each objective		<ul style="list-style-type: none"> <li>Understanding materials and components like fabrics, food ingredients or plastics, and the properties of those.</li> <li>Knowledge of processes, for example CAD/CAM, product lifecycles or digital image manipulation.</li> </ul>					<ul style="list-style-type: none"> <li>Generating &amp; developing design ideas.</li> <li>Employing appropriate design techniques for example CAD, sketching, 3d drawing or modelling.</li> </ul>					<ul style="list-style-type: none"> <li>Utilising practical skills and techniques for example using Photoshop tools, chopping techniques or eco-printing.</li> <li>Demonstrating precision and accuracy in the making process.</li> </ul>					<ul style="list-style-type: none"> <li>Critically analysing and evaluating the effectiveness of your design and making processes.</li> <li>Identifying and adapting to challenges during the design and making process.</li> </ul>					
		You can often...					You can often.....					You can often.....					You can often.....					
		1. just	2. adequately	3. adequately	4. adequately	5.convincingly	1. just	2. adequately	3. adequately	4. adequately	5.convincingly	1. just	2. adequately	3. adequately	4. adequately	5.convincingly	1. just	2. adequately	3. adequately	4. adequately	5.convincingly	
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Green	Amber	Red
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### Effort

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### Student self-reflection

WWW –
EBI –