

	Band 3	Band 4	Band 5	Band 6	Band 7	Band 8	Band 9
Investigate	<p>Design brief is basic</p> <p>No coherent investigation</p> <p>User questionnaire is basic with limited results</p> <p>Product analysis is incomplete</p> <p>Limited links between research and design brief</p>	<p>Design brief only has one statement</p> <p>Limited investigation of brief</p> <p>User questionnaire has basic assessment of user needs</p> <p>Product analysis is incomplete ACCESSFM statements have no justification</p> <p>Limited links between research and design brief with no conclusion</p>		<p>Design brief is related to the user</p> <p>Analysis of brief adequate and largely investigated.</p> <p>User questionnaire mostly analysed</p> <p>Product analysis using ACCESSFM—is mostly completed with most points justified</p> <p>Secondary research links to design brief</p>		<p>Design brief has explanations and justification to the user</p> <p>Detailed and developed analysis of brief and investigation of task.</p> <p>User questionnaire fully analysed with clear results</p> <p>Product analysis ACCESSFM—is complete and fully justified</p> <p>Research links fully to the design brief and conclusion is detailed leading to what happens next</p>	
Specification	<p>No reviewed design brief</p> <p>Specification points are listed with no justification</p>	<p>Basic design brief with a simple response and consideration of research and user needs.</p> <p>Specification points are basic and do not cover all necessary points. Some measurable.</p> <p>Minimal justification with no evaluation.</p>		<p>Design brief refined linked to the research and user referenced</p> <p>Specification written to link to research and answer most of the analysis questions. Points mostly measurable.</p> <p>Most points justified.</p> <p>Specification must include points on user requirements, form, function, cost, sustainability, performance requirements</p>		<p>Design brief refined and linked fully to the investigation and user</p> <p>Specification linked to research or research analysis questions answered.</p> <p>Points need to be justified and evaluated at the end</p> <p>Specification must include points on user requirements, form, function, cost, sustainability, performance requirements</p>	
Design	<p>1 basic idea</p> <p>No technical drawing techniques used</p> <p>Solutions are obvious/copied</p> <p>No reference to specification</p> <p>No labelling</p>	<p>Basic 2 or more ideas</p> <p>Basic drawing techniques and limited presentation skills used</p> <p>Solutions show minimal flare and differences—user needs not fully taken into account</p> <p>Limited reflection of specification</p> <p>Materials/processes and techniques labelled with no justification</p> <p>Subsystems not considered or referenced</p> <p>Some points that may lead to development later</p> <p>No reference to research</p>		<p>Minimum 3 ideas</p> <p>A small range of drawing techniques and presentation used</p> <p>Solutions show changes but not different—user needs are met</p> <p>Most specification points met and reflected on</p> <p>Materials/processes and techniques show some knowledge and understanding with limited justification</p> <p>Any relevant subsystems labelled</p> <p>Evaluation of designs referenced and linked to some development</p> <p>Research linked attempted</p>		<p>Minimum 4 ideas</p> <p>Different drawing techniques/presentation</p> <p>Totally different solutions—fully take into account user needs</p> <p>Annotations reflect specification</p> <p>Notes on materials/process and techniques justified</p> <p>Looked at and annotated subsystems/components</p> <p>Evaluate designs showing problems and points of development (different pen)</p> <p>Application of research knowledge</p> <p>3rd party opinions</p> <p>Strengths and weaknesses of design</p> <p>Summary of the way forward</p>	
Develop	<p>Limited/basic development no changes made</p>	<p>Superficial additional research to develop design ideas</p> <p>Modelling completed with no further application to design</p> <p>Guided calculations</p> <p>CAD used where appropriate</p> <p>No feedback evident</p> <p>Basic final design drawn with some labelling</p> <p>Guided cutting list</p>		<p>Limited additional research to develop design ideas</p> <p>Modelling used to test one aspect of design</p> <p>calculations of materials needed/areas/costs</p> <p>CAD used where appropriate</p> <p>Superficial client/user feedback</p> <p>Final design idea drawn—with some justification of materials and manufacture techniques</p> <p>Cutting list with no calculations</p>		<p>Additional research to understand design strategy of ideas</p> <p>Modelling changes and/or refines idea</p> <p>Application of material/processes to inform decisions</p> <p>Accurate calculations of materials needed/areas/costs</p> <p>CAD included to show development where appropriate</p> <p>User or client feedback on chosen designs</p> <p>Final design idea drawn—justification of materials and manufacture techniques</p> <p>Independent Cutting list and calculations</p>	
Make	<p>No independent selection of materials</p> <p>Basic making skills</p> <p>Limited safety awareness</p> <p>Product not completed and inaccurate</p> <p>Diary of manufacture not completed</p>	<p>Basic selection of materials that are generally appropriate</p> <p>Generally competent making skills</p> <p>Safety awareness with some reminders required</p> <p>Product functions with improvements needed</p> <p>Meets some of the specification criteria</p> <p>Understands the need for accuracy</p> <p>Diary of manufacture retrospective</p>		<p>Materials chosen are mostly appropriate</p> <p>Mostly independent making</p> <p>Mostly competent use of processes and techniques</p> <p>High safety awareness when working</p> <p>Mostly fully functioning product</p> <p>Mostly meets needs of specification</p> <p>Sound accuracy</p> <p>Diary of manufacture mostly complete</p>		<p>Selection of materials appropriate for the task</p> <p>Independent making</p> <p>Competent use of materials/processes and techniques—high level skills</p> <p>Maintained high safe working practices</p> <p>Fully functioning product</p> <p>Fully meets brief and specification</p> <p>Accurate and fully finished</p> <p>Diary of manufacture fully complete with next stages justified</p> <p>Final product photo included</p>	
Evaluate	<p>Product evaluated superficially against specification</p> <p>No measurable specification points</p> <p>Can discuss possible modifications</p>	<p>Product evaluated against some specification points</p> <p>Some measurable specification points tested with some justification and no evidence</p> <p>No analysis of sustainability</p> <p>Modification suggested</p>		<p>Product evaluated against most specification points</p> <p>All measurable specification points tested, with some justification and evidence</p> <p>Analysis of sustainability noted</p> <p>Possible modifications and changes shown</p>		<p>Product fully evaluated against all specification points</p> <p>All measurable specification points tested, justified and evidenced</p> <p>Analysis of sustainability clearly shown</p> <p>Possible modifications and changes shown with sketches and annotation</p>	