

Outlines initial thoughts, these are predictable/non-creative.	Outlines initial thoughts in some detail, some creative thinking.	Clearly outlines initial thoughts in detail, responding with an open mind showing unexpected and/or challenging ways of thinking.	0 1 2 3 4 5 6 7 8 9
Analyses the problem at a superficial level that lacks depth	Analyses some aspects of the problem.	Analyses problem in depth, responds in a way that allows scope for innovation	
Some consideration of a user/market resulting in a design brief.	Identifies a user/market, resulting in a design brief.	Identifies a user/market resulting in a clear design brief.	
Produces a basic or superficial specification that is vague/generic.	Develops an adequate specification that gives some basic requirements of the product.	Develops a detailed specification that identifies the key features of the product.	
0-3	4-6	7-9	
Presents only a limited range of innovative/creative ideas using annotated sketching at a limited level with little detail of construction/materials	Presents a good range of innovative/creative ideas using reasonable quality annotated sketching showing some detail of construction/materials.	Presents a wide range of innovative/creative initial ideas, using high quality annotated sketching showing full details of construction/materials.	0 1 2 3 4 5 6 7 8 9 10 11 12
Little or no reference made to the design specification.	Some reference to the specification	Good reference to the specification	
Presents a limited range of evidence to show the sources of inspiration and influences on the designing.	Presents an adequate range of evidence to show the sources of inspiration and influences on the designing.	Presents a wide range of evidence to show the sources of inspiration and influences on the designing.	
Presents only a limited and mainly subjective evaluation of ideas with little or no justification of decisions.	Presents an adequate and objective evaluation of ideas against the design specification and justifies most decisions.	Presents a detailed and objective evaluation of ideas against the design specification and justifies all decisions.	
Limited reflection on their design and little/if any response to feedback from others.	Some reflection on their chosen design and response to feedback from others.	Reflects on their chosen design and responds to feedback from others, making further improvements if necessary.	
0-4	5-8	9-12	
Presents limited improvements, and limited evidence of modelling, experiments, testing, and modifications to their design,	Presents improvements, presents some evidence of modelling, experiments, testing, making modifications their design	Presents improvements, presents evidence of modelling, experiments, testing, making modifications to their design to define and refine it,	0 1 2 3 4 5 6 7 8 9
Little if any consideration of materials, components or ingredients and methods of manufacture. Limited understanding of sustainability issues and how this affects their design.	Some consideration of materials, components or ingredients and methods of manufacture. Some consideration of sustainability issues	thorough consideration of materials, components or ingredients and methods of manufacture. Good consideration of sustainability issues etc	
Produces a simplistic action plan for making that shows limited awareness of materials/ingredients/resources etc.	Produces a reasonable action plan for making, to include a list of materials/ingredients/resources, etc	Produces a detailed action plan for making, to include a list of materials/ingredients/resources, etc.	
0-3	4-6	7-9	0 1 2 3 4 5 6 7 8 9
Records progress at various stages but limited detail and thought	Record and reflects on progress at various stages	Records and reflects on progress in detail at various stages	
Use of materials and processes is limited as are any further modifications to their design.	Selects and uses materials adeptly and makes further modifications to their design.	Selects and uses materials innovatively and creatively and further develops idea to define and refine it.	
Product/model is finished to a poor standard/or is incomplete.	Completes a product/model to a good standard. Model/product accurately reflects design.	Completes a product/model to a high standard.	
Limited range of making skills apparent.	Demonstrates accuracy of making skills.	Demonstrates a range of making skills/ and or complexity.	
0-8	9-16	17-22	0 1 2 3 4 5 6 7 8
Presents limited modifications to their idea, using basic annotated sketches.	Presents some realistic and detailed modifications to their idea, using annotated sketches.	Presents realistic and detailed modifications to their idea, using annotated sketches; improvements are creative.	
Produces a limited evaluation of their product identifying some strengths and weaknesses and shows limited consideration of the users/market.	Produces a reasonable evaluation of their product identifying some strengths and weaknesses and shows good consideration of the users/market.	Produces a detailed evaluation of their product identifying strengths and weaknesses and shows good consideration of the users/market.	
Some evidence of evaluation of their design against their product specification at a superficial level.	Reasonable evaluation of their design against their product specification.	Evaluates their design thoroughly against their product specification	
0-3	4-5	6-8	

Initial Thoughts	Designing	Development	Making	Evaluating
Name:	Candidate No:	Centre No:	Examiner	Total /60 F521