

Student Name: _____ Project: _____ Date: _____

Area	Points Possible	Self Evaluation	Teacher Evaluation
Brief and Specifications	5		
Design brief, with no specifications or no problem statement	0		
Design brief, but inadequate or minimal problem statement	2		
Developed design brief with clear and comprehensive specifications and clearly stated problem	5		
Research	10		
No or little evidence of investigation or research	0		
Some evidence of research about the problem, but lacking depth	5		
Evidence of good research and that the student has acquired new knowledge about the nature of the problem, what others have done to solve similar problems, and gathered other information critical to the success of the project	10		
Ideation	10		
Only one solution considered	0		
Two or three solutions generated, but only one solution seriously considered	4		
At least three solutions generated, but reasons for rejecting alternatives unclear	7		
At least three solutions generated, two seriously considered with reasons stated for rejecting others	10		
Developmental Work	10		
Little evidence of developmental work	0		
Some developmental work of average quality	4		
Good quality developmental work, including sketches, dimensioned drawings and models where appropriate	7		
High quality sketches, drawings, renderings and models with attention to aesthetic, materials and assembly	10		

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Evaluation	10		
No evaluation written	0		
Poor evaluation with little thought, intelligent comment, or self-reflection; or containing unjustified self-congratulations.	4		
Good evaluation containing self-criticism where appropriate. Suggestions about possible alternatives which, if followed, could lead to improvements of the project	7		
Good evaluation containing self-criticism where appropriate. Detailed reasons given for the success of the project or details given of the modifications or alterations that would ensure a successful conclusion	10		
Prototype	40		
No work or very poor work showing no evidence of craftsmanship	0		
Generally poor work with little evidence of craftsmanship	15		
Average amount of work but with little evidence of care or craftsmanship	25		
Average amount of work with several examples of attention to detail	30		
Good quantity of work including realistic choice and use of materials where appropriate	35		
Evidence of thorough work appropriate to time allotted, Prototype completed with attention to detail.	40		
Presentation	5		
Poor presentation with no evidence of preparation	0		
Fair presentation with some preparation evident	3		
Good presentation with demonstration and appropriate media	4		
Articulate and well planned presentation with demonstration and appropriate media	5		
	Total Pts	0	0