

Engineering Design Process Rubric

Student Name: _____

The Design

Criteria	Scale Score (circle one)	Multiplier	Points
Completeness of Engineering Design Process Was the Engineering Design Process followed? Was research completed and is data present? Are beginning and final designs drawn and labeled?	5 4 3 2 1	2	_____
Journal Quality Is the journal legible? Does it include daily observations and summarize what was learned?	5 4 3 2 1	3	_____
Prototype Is the prototype built according to the design requirements? Was sufficient data gathered during testing? Was redesigning and retesting completed?	5 4 3 2 1	2	_____
Visually appealing Is the project neat and legible? Does it contain photos/illustrations or a certain flair that makes it "pop" ?	5 4 3 2 1	1	_____
Results/Conclusion addresses the questions Results show a well, thought out, reasonable conclusion showing a useful world connection. Were at least 4 of the concluding questions addressed?	5 4 3 2 1	2	_____

Project total = _____ / 50
 Presentation total = + _____ / 30

The Presentation/Interview

Criteria	Points possible	Points Given
Knowledge of project: (shows basic knowledge, elaborates)	10	
Eye contact: (continuously made eye contact)	5	
Poise: (is able to explain how the engineering method was used)	5	
Elocution: (clear voice/audience can hear presentation)	5	
Enthusiasm: (shows interest, enthusiasm, passion)	5	

Project total = _____ / 80

Overall grade = _____