Name: **Date:**   **Class:**

Design Rubric

Assessed Areas	Excellent Work! 25 pts	Good work! 20 pts	Almost there! 15 pts	Needs more work. 10 pts
Science Notebook	All information is clear and easy to understand and include materials used and why, design sketches, test outcomes and iterations.	Design sketches, materials used and why, test outcomes and iterations are included and mostly clear and easy to understand.	Some design sketches, materials used and why, test outcomes and iterations are included and mostly clear and easy to understand.	Most information is not neat and is hard to understand or interpret. Materials used and why is incomplete.
Reflections	Reflection is clearly written and easy to understand. Reflection includes problems and iterations.	Most of the reflection is clearly written and easy to understand. Reflection includes problems and iterations.	Only some of reflection is clearly written and easy to understand. Reflection includes some problems and iterations.	Reflection is not clearly written or easy to understand. Reflection does not include problems or iterations.
Prototype	Student takes design and makes it into a workable prototype. Prototype is functional and realistic.	Student takes design and makes it into a workable prototype. Prototype is somewhat functional and realistic.	Student takes design and makes it into a workable prototype. Prototype is not does not meet constraints, not functional or realistic.	Student does not make a workable prototype.
Prototype Presentation	Student completely explains thinking of why design would work, what happened to designs that did not work, and what changes were made.	Student generally explains why design would work, what happened to designs that did not work, and what changes were made, but needs more details.	Student somewhat explains why design would work, what happened to designs that did not work, and what changes were made, but needs more details.	Student does not explain why design would work, what happened to designs that did not work, and what changes were made.

TOTAL POINTS _____/100

** As students are working through this activity, the teacher can use prompts to helps students work towards the "Excellent Work!" for each area assessed.

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