

Presentation Rubric for Design Project/Data

Name _____ Period _____

Grade: 6th

Your project for first semester is to take an everyday object and make it better. We saw IDEO take a shopping cart and make it better, applying creativity within the constraints and meeting the criteria.

1. **SELECT** an object to improve upon that you feel YOU can modify for improvements. The only **constraint** on this step is the price of **all** materials must have a shelf price at or **below** \$15.00 (The cheaper, the better!). Date _____
2. **RESEARCH** ways the item could be improved to make it more useful, efficient, etc. The **criteria** is that your idea(s) is/are relevant, meaningful and add value to the object. You may wish to start by finding out (a) how the item is usually used, (b) what problems or difficulties people have with the item and (c) “brainstorming” ideas for improvement. Provide

- evidence of your research, thinking and input from others.** Record what affects your research: feasibility of the changes, things that might work but that you can’t actually create, etc. Date _____
3. **EXPERIMENT** with designs. Take notes, collect data on the problem(s) you are addressing. This may mean researching how others respond to your prototype(s). **ONGOING** until _____
 4. **PRESENT** to the class a **demonstration of your prototype or model**, along with **evidence and data**. This should be 5-7minutes including questions from your peers. Presentations: _____

	Partially Proficient	Proficient	Advanced
Object/ Research	<ul style="list-style-type: none"> <input type="radio"/> Did not meet the criteria of price or no evidence <input type="radio"/> Ideas were not serious attempts at improvement <input type="radio"/> No or little evidence of brainstorming <input type="radio"/> No or little evidence of research 	<ul style="list-style-type: none"> <input type="radio"/> Met the criteria of price, supported with evidence. <input type="radio"/> Ideas were serious attempts at improvement <input type="radio"/> No or little evidence of brainstorming <input type="radio"/> Some evidence of research, mostly web-based 	<ul style="list-style-type: none"> <input type="radio"/> Met the criteria of price, supported with evidence <input type="radio"/> Ideas were serious attempts at improvement that add clear value <input type="radio"/> No or little evidence of brainstorming <input type="radio"/> Extensive evidence of research: interviews, history of product, its use, it’s problems
Design Process	<ul style="list-style-type: none"> <input type="radio"/> No or few notes, drawings <input type="radio"/> Does not include data <input type="radio"/> No or little evidence of multiple attempts or experiments 	<ul style="list-style-type: none"> <input type="radio"/> Adequate notes, drawings <input type="radio"/> Includes data <input type="radio"/> Evidence of multiple attempts or experiments 	<ul style="list-style-type: none"> <input type="radio"/> Extensive notes, drawings <input type="radio"/> Extensive data (polling users, quantitative data) <input type="radio"/> Clear evidence of multiple attempts or experiments (multiple diagrams, photos, models, etc.)
Presentation	<ul style="list-style-type: none"> <input type="radio"/> No model or prototype presented <input type="radio"/> Not well prepared <input type="radio"/> Could not answer most questions from peers <input type="radio"/> Evidence and design process are unclear, or not presented 	<ul style="list-style-type: none"> <input type="radio"/> Adequate model or prototype presented <input type="radio"/> Prepared, informed <input type="radio"/> Addresses audience questions <input type="radio"/> Evidence and design process are clear, 	<ul style="list-style-type: none"> <input type="radio"/> Functional or well-designed model or prototype presented <input type="radio"/> Well-prepared, informed, rehearsed, creative <input type="radio"/> Addresses audience questions in great depth, showing wide learning during research. <input type="radio"/> Evidence and design process are clear, easy to view