

Area of Requirement	Emerging ○	Developing ■	Proficient ◆	Exemplary ☆
<p>USEFUL OBJECT Design and Everyday use</p>	<p>Writing needs much revision. You do not understand the history and culture of your object. Many aspects of the design history missing.</p>	<p>Writing needs minimal editing. You somewhat understand the history and culture of your object. May have missing the inventor (if applicable), date, place and changes over time.</p>	<p>Writing is clear and clean and elegant. Demonstrates that you mostly understand the history and culture of your object. Includes inventor (if applicable), date, place and changes over time.</p>	<p>Writing is fluent and elegant, edited by both partners with great word choice and no typos. Clearly demonstrates that you understand the history and culture of your object. Includes inventor (if applicable), date, place and changes over time.</p>
<p>MATERIALS Raw Materials /Natural Resources/Resource Extraction</p>	<p>Writing needs much revision. Research does not go back to the source or raw materials may be missing entirely. Key properties of matter may be missing.</p>	<p>Writing needs minimal editing. Research does not go back to the source. Only one or two properties of matter indicated.</p>	<p>Writing is clear and clean and elegant. Research goes BACK to the Source (if plastic, then oil, if brass, than zinc and copper ore). Includes at least two scientific properties of matter.</p>	<p>Writing is fluent and elegant, edited by both partners with great word choice and no typos. Research goes ALL THE WAY BACK to the Source (if plastic, then oil, if brass, than zinc and copper ore). Includes at least three or four scientific properties of matter.</p>
<p>MANUFACTURING Manufacturing and Distribution</p>	<p>Writing needs much revision. Many of the steps of manufacturing are missing. There are large gaps in the process.</p>	<p>Writing needs minimal editing. Some of the steps of manufacturing are missing.</p>	<p>Writing is clear and clean and elegant. May have listed steps of the flow of how the raw materials are fashioned into the object. Complete connection to the source is missing.</p>	<p>Writing is fluent and elegant, edited by both partners with great word choice and no typos. Clear understanding of the flow of how the raw materials are fashioned into the object all the way from the source to the factory to the consumer.</p>
<p>DISPOSAL End of life or next life alternatives, including reuse, recycling, or reclamation.</p>	<p>Writing needs much revision. Simply mentions the trash!</p>	<p>Writing needs minimal editing. Limited description of disposal options.</p>	<p>Writing is clear and clean and elegant. Clearly described a typical (normal) disposal in Seattle.</p>	<p>Writing is fluent and elegant, edited by both partners with great word choice and no typos. Clearly described a typical (normal) disposal in Seattle. Creative ideas for alternatives suggested including reuse, recycled, or reclaimed.</p>

<p>FOOTPRINT Ecological Footprint/Social Justice</p>	<p>Writing needs much revision. No clear understanding of the ecological footprint.</p>	<p>Writing needs minimal editing. Skips more than one stage of the lifecycle in talking about negative and positive consequences to earth, environment and people.</p>	<p>Writing is clear and clean and elegant. Clearly described and defined. Less complete coverage of the footprint may have one of the stages missing.</p>	<p>Writing is fluent and elegant, edited by both partners with great word choice and no typos. Clearly described and defined. Negative and positive consequences (to the earth, environment, and people) of getting raw materials, manufacturing, using, and disposing this object.</p>
<p>RESEARCH RESOURCES Bibliography and Reflection</p>	<p>Writing needs much revision. No bibliography.</p>	<p>Writing needs minimal editing. 1 source of information.</p>	<p>Writing is clear and clean and elegant. 2 sources of information.</p>	<p>Writing is fluent and elegant, edited by both partners with great word choice and no typos. Citation clear. At least 3 sources of information.</p>
<p>ORIHON PRESENTATION Art and Craftsmanship</p>	<p>No color. Lots of blank space. Sloppy writing, cutting, folding, and/or printing.</p>	<p>Little, or inappropriate, use of color. Lots of blank space. Folding /gluing/cutting craftsmanship is simply okay.</p>	<p>Neat and colorful. Uniform and clear font selection. Folding /gluing/cutting craftsmanship is of good quality.</p>	<p>Orhion is neat and well constructed with quality. The Object Orihon is folded evenly and neatly. Font selection and colors is eye catching and appropriate. There is minimal blank space on panels.</p>
<p>Team work</p>	<p>Work was poorly distributed and felt unfair to one partner. Work time at school was unfocused and non-productive. Neither student fully understands all pieces of the project.</p>	<p>Work was not equitably distributed and felt somewhat unfair to one partner. Work time at school was less than productive and poorly focused. Both students may not fully understand all pieces of the project.</p>	<p>Work was equitably distributed and felt equitable to both partners. Work time at school and home was productive, focused and positive. Students shared information and both feel they understand the complete project.</p>	<p>Work was equitably distributed and felt equitable to both partners. Work time at school and home was VERY productive, focused and positive. Students readily shared information and both feel they fully understand the complete project.</p>

Directions to the student: Use a colored highlighter (NOT YELLOW!) to self-evaluate your work on this project. Each partner can do this on ONE sheet as long as you make a key to note who is who (if you have any disagreements). Then, the teacher will mark his/her evaluation in YELLOW. Thanks for studying stuff.