

Brighton High School

Student: _____

Grade: _____

Rubric: Preconstruction PRD

Preconstruction PRD			<small>Powered by</small> iRubric™
	Poor (N/A)	Fair (N/A)	Very Good (N/A)
Planning	<p>Poor</p> <p>failed to consider very important project goals or constraints prior to construction so design and performance suffered significantly</p> <p>sketches poor or incomplete</p>	<p>Fair</p> <p>work/outcome reflect consideration of task objectives/constraints</p> <p>paperwork/product show questions and answers improved your design, led to positive outcome</p>	<p>Very Good</p> <p>product reflects good anticipation of project challenges & demonstrates the benefits of collaboration; challenged the prior knowledge of your group</p> <p>sketches are very good</p>
Research	<p>Poor</p> <p>your process and product do not reflect anticipation or understanding of the variables that effect achievement on task; your personal effort lacks evidence of active learning or execution</p>	<p>Fair</p> <p>You were able to brainstorm relevant questions about performance, answers to which you applied to your design;</p> <p>your process includes evidence of active group/individual learning</p>	<p>Very Good</p> <p>Your preconstruction process included consideration of multiple variables that effect success.</p> <p>You considered multiple solutions for maximizing and minimizing important variables</p>
Design	<p>Poor</p> <p>the design and performance is flawed due to lack of sound science, technology, engineering, or math principles (STEM);</p> <p>product lacks creativity, execution, or potential for success</p>	<p>Fair</p> <p>prior knowledge and troubleshooting design/construction helped achieve positive outcome</p> <p>product reflects creativity and consideration of details</p>	<p>Very Good</p> <p>your work process/ final product reflect important science, technology, engineering and math (STEM) principles.</p> <p>solution is very good because you applied STEM principles</p>

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