



# MacGyver Wind Lift Challenge Rubric

Name \_\_\_\_\_

Date \_\_\_\_\_

Points	Construction	Design Process	Test and Evaluation	Creativity and Documentation
<b>4</b>	Construction was neat and high quality. Construction matched sketches from planning.	Work showed strong understanding of the design process. Questions were answered in detail.	Data collected and power calculated were accurate.	Portfolio/video was high quality. Documentation was complete and creative.
<b>3</b>	Construction met expectations and was neat and quality. Construction closely matched sketches from planning.	Work shows understanding of the design process. All steps were completed with few errors and questions were answered with details.	Data collected and power calculated was mostly accurate.	Portfolio/video met expectations. Documentation was satisfactory and accurate.
<b>2</b>	Construction did not meet expectations. Little time and thought was put into planning and building.	Some steps of the design process were not followed or complete. Information was missing to show why decisions were made.	Data collected and power calculated was inaccurate or unclear.	Portfolio/video did not meet expectations. Documentation was incomplete.
<b>1</b>	Construction was incomplete and sketches were not followed.	The design process was not followed and little to no explanation given to show thinking.	Data was missing and/or not accurate.	Portfolio/video was missing.

Total \_\_\_\_\_/16

Teacher comments:

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