

Lab Report: Engineering Challenge

Title, Name, Date	
Purpose	<i>The purpose of this lab was to</i> _____ _____ _____
Materials (use bullets)	<i>The materials which were used in this lab included:</i>
Hypothesis (what did it look like and how did it work?)	<i>The hypothesized device consisted of</i> _____ _____ _____ <i>The hypothesis was designed to</i> _____ _____ _____
Procedure (describe steps from the beginning, through design trial and error, and the final competition)	1. 2. 3. 4. 5.

<p>Use as many steps as you need.</p>	<p>6.</p> <p>7.</p>
<p>Data/ Results</p>	<p>Course distance (m): _____</p> <p>Final time of your device (s): _____</p> <p>Speed = $\frac{\text{Distance}}{\text{Time}}$ (distance divided by time) (units are m/s)</p> <p>Fill in your information:</p> <p>Speed: _____ $\frac{\text{m}}{\text{s}}$ = (do the division and include units) = _____</p>
<p>Conclusion</p>	<p><i>Once again, the purpose of this lab was to</i> _____</p> <p>_____</p> <p>_____</p> <p><i>Based on the results, the hypothesized device (<u>was/was not</u>) successful because</i> _____</p> <p>_____</p> <p>_____</p> <p>In a future, similar competition, a strong device would consist of _____</p> <p>_____</p> <p>because _____</p> <p>_____.</p>