

### Mousetrap Reverse Engineering Drawings

<p><b>Student's Initial Draft of the Mousetrap Racer.</b></p> <p><b>Dimensioning:</b></p> <ul style="list-style-type: none"> <li>- Locate and describe features</li> <li>- Identify and label common mechanical feature notations</li> <li>- Place local and general notes including fonts, lettering size, style, etc.</li> <li>- Identify measurements</li> </ul> <p><b>Multiview Drawings</b></p> <ul style="list-style-type: none"> <li>- Demonstrate knowledge of multiview drawings and correct views</li> <li>- Multiview projection (third angle and first angle)</li> </ul> <p><b>Preparing to Draw: Basic Drawing and Dimensioning Skills</b></p> <ul style="list-style-type: none"> <li>- Identify drawing views and details</li> <li>- Identify and create line types</li> <li>- Identify and create sketches</li> <li>- Select and interpret scale and paper size</li> <li>- Identify and operate design tools/instruments (CAD and/or manual)</li> <li>- Use correct linetypes</li> </ul> <p><b>Employ planning and time management skills and tools to enhance results and complete work tasks.</b></p> <ul style="list-style-type: none"> <li>- Project is turned in on time</li> </ul>	6	
<p>Student's Final Drawing of Mousetrap Racer after picking up red-marks.</p> <ul style="list-style-type: none"> <li>- Identify revisions and apply engineering change information</li> </ul>	3	
<p>Student's ability to follow directions</p> <ul style="list-style-type: none"> <li>- Establish and maintain effective working relationships with all levels of personnel and other departments in order to accomplish objectives and tasks.</li> </ul>	1	