

## Mousetrap Car Final Documentation Rubric

Name:

Criteria	Max score	Score	Feedback
1. The goal of this project is articulated (~ask in the 5-step EDP. To receive full credit discuss the constraints and criteria of this project)	10		
2. Evidence of <b>research</b> and <b>imagining</b> is present (discuss how you came up with your design. Include sources where relevant)	10		
3. Evidence of <b>planning</b> (To receive full credit your final documentation must include a SolidWorks template containing an assembly of multiple parts which accurately (within reason) reflects the final vehicle)	20		
4. The team challenges themselves in the <b>creation</b> of the design and construction (i.e. don't just make the simplest car you can)	10		
5. The final vehicle's design is <b>creative</b> and demonstrates mechanical construction skills	10		
6. Pictures are included of the <b>creation</b> process and final vehicle	10		
7. The <b>created</b> vehicle travels 10 feet (10/10 for travelling 10', 5/10 for travelling 5', etc. Bonus is possible for 10'+)	10		
8. The documentation shows critical thinking as they <b>evaluate</b> how their bridge failed and what they would do during a <b>re-build</b>	10		
9. The student demonstrates regular professional behavior while working on this project	10		

**SCORE:**            0