

Rubric for Mousetrap Project Components

Essay (50 pts)

Score	10-9	8	7	5	0
Intro Paragraph	Clearly explains problem	Relatively Clear explanation of problem		Explanations do not illustrate much understanding of the problem	Missing
Simple Machines	Effectively and correctly described three or more machines	Effectively and correctly described two machines	Relatively effective at correctly describing two or more machines	Explanations do not illustrate much understanding of concepts	Missing
Conservation of Energy & Work-Energy Theorem	Explanations clear and accurate while applying these two concepts	Explanations clear and accurate while applying one of concepts	Relatively clear and accurate Applications of concepts	Explanations do not illustrate much understanding of concepts	Missing
Applications from Earlier Applications of Mechanics	Effectively and correctly described and applied 4 or more concepts from fall	Effectively and correctly described and applied 2-3 concepts from fall	Relatively effective description of and concepts from fall	Explanations do not illustrate much understanding of concepts	Missing

Conclusion: affects of design modifications and learned experiences	Explanations indicate clear understanding of underlying principles of design modifications, and insight shared thoughtfully	Explanations indicate relatively clear understanding of underlying principles of design modifications, and insights are shared	Explanations indicate some understanding of underlying principles of design modifications, and insights are shared	Explanations do not illustrate much understanding of concepts and insights not demonstrated	Missing
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Design Prototype					
Tested early	Tested on due date	Points taken for each day late	Self started	Distance	
2 pts	5 pts	- 2pts	2 pts	5 pts	