

<b>Mousetrap Car Project Assessment Rubric</b>						
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
<i>Criteria</i>	<b>Beginning</b>	<b>Developing</b>	<b>Proficient</b>	<b>Advanced</b>	<b>Beyond</b>	<b>Score</b>
<b>COMPLETE</b>	Car is poorly built or appears to have been built hastily; does not work.	Car works; Comes just short of complete distance requirement*. May not complete all 3 trials due to poor construction.	Car is sturdy, works well; completes trials. Meets distance requirement.	Car is sturdy, works well, completes distance easily.	All of Advanced, Car demonstrates obvious effort, clean construction & clever design.	
<b>CORRECT Elements</b>	Car is incomplete. Missing parts to make it work properly or uses mousetrap incorrectly for project.	Car appears to be complete but may be missing an element(s) (pulley?)	All parts required are present (lever, pulley, wheel & axel). Car appears to have been constructed with care/effort.	Car is complete. Obvious effort and attention to detail. All required elements function well.	Advanced plus may incorporate gear train (compound drive)	
<i>Distance</i>	Does not meet minimum distance requirements 5 meters individual 10 meters team	Within 1/2 meter of distance requirement or may have met if car went straight.	Meets distance criteria. Would have gone farther if it had gone straight.	Meets or exceeds distance criteria. Car travels straight.	All of Advanced plus easily exceeds distance criteria due to attention to design details.	
<b>COMPREHENSIVE</b>	Little use of effort or creativity. Hasty in appearance/construction.	Car complete.	Obvious effort.	Clearly a lot of effort went into construction of vehicle. Pride is evident. Unique or clever execution of design.	All of Advanced and has additional "Wow!" factor. Crowd pleaser, thematic, incredibly clever use and construction of elements. May have gear train.	
<b>PRESENTATION</b>	Student cannot explain the function of the car and its elements. Elements not used/explained properly.	Student gives some explanation of car function, but may not be clear about how it works.	Student explains function of each part, and it is clear how the car works. Elements are fairly easily explained.	Car elements explained clearly and in detail. Explanation is easy for class to understand. Student can easily explain function of each element and how they are used to make the vehicle successful.	All of Advanced AND has additional "Wow!" factor in presentation style, attitude or excitement. Obviously proud of accomplishment.	
	* 5 meters individual * 10 meters teams				<b>TOTAL</b> <b>OVERALL AVG.</b>	
<b>COMMENTS</b>					<b>DISTANCE</b>	