

MOUSE TRAP CAR PROJECT RUBRIC

Score Levels	Build (x3)	Speed (x2)	Gears (x2)	Sketch Up (x2)	Paint (x1)
10	<p>Is well thought out and supports the solution to the challenge or question.</p> <p>The build is neat and all parts are attached correctly and in working order.</p>	Falls within the top 3 in the class.	Gears are designed properly and use a ratio for speed. Gears are also attached to the car and work accordingly.	Sketch Up model resembles the entire build of the finished car. All parts are included in each part of the design.	Car has been painted neatly and does not affect functionality.
8	<p>Is well thought out and supports the solution</p> <p>The build is neat and most parts are attached correctly and in working order.</p>	Falls within 4-6 in the class.	Gears are designed properly and use a ratio for speed. Gears are also attached to the car but do not work accordingly.	Sketch Up model resembles most of the build of the finished car. Most parts are included in each part of the design.	
6	<p>Supports the solution</p> <p>The build is not neat and most parts are attached correctly and in working order.</p>	Falls within 7-10 in the class.	Gears are not designed properly and do not use a ratio for speed. Gears are also attached to the car and work accordingly.	Sketch Up model resembles part of the build of the finished car. Some parts are included in each part of the design.	
4	<p>Provides inconsistent information for solution</p> <p>The build is not neat and all parts are not attached correctly and in working order.</p>	Falls within 11-14 in the class.	Gears are not designed properly and do not use a ratio for speed. Gears are also attached to the car but do not work accordingly.	Sketch Up model does not resemble the entire build of the finished car. Most parts included in each part of the design are missing.	Car has not been painted at all.
Total Score	/30	/20	/20	/20	/10