

<i>Rube Goldberg Machine Project Assessment Rubric</i>						
	1	2	3	4	5	
<i>Criteria</i>	Beginning	Developing	Proficient	Advanced	Beyond	Score
<b>COMPLETE</b>	Machine is poorly built or appears to have been built hastily; does not work.	Machine works, may or may not complete task. Does not include each simple machine 2x/3x*.	Machine is sturdy, works well; completes task. Has 10-11 elements. Each simple machine at least once. 5 of 6 simple machines used 2x/3x*.	Machine is sturdy, works well, completes task. Machine meets 12 step requirement (each simple machine 2x/3x*)	Machine is sturdy, works well, completes a very clever or difficult task. Machine has more steps than necessary, and has more than 12 steps (each simple machine at least 2x/3x*)	
<b>CORRECT Elements</b>	Several simple machine elements missing.	Machine does accomplish task but lacks clear effort. Missing an element(s) Elements not used properly (screw, wedge, _____)	All elements used properly. Some elements may be nearly identical repeats.	All elements used properly. At least half of 2x/3x are unique (non-repeats)	Well beyond requirements for elements. Most elements demonstrate clever & unique use.	
<b>Time</b>	Does not meet minimum time requirements 15 seconds individual 20 seconds team	Within 2 seconds of time requirement or meets through use of overly slow element.	Meets or exceeds time criteria. All elements work as expected.	Meets or exceeds time criteria. Clever more than expected use of element design.	Easily exceeds time criteria with additional/extensive/ clever use of element design.	
<b>COMPREHENSIVE</b>	Little use of effort or creativity. Hasty in appearance/construction.	Attempt to be thematic. One or two elements show real effort/creativity.	Obvious effort. Several elements are creative or clever.	Project incorporates a theme, very clever use of elements. Most elements are unique.	All of Advanced and has additional "Wow!" factor. Crowd pleaser, thematic, incredibly clever use and variety of elements.	
<b>PRESENTATION</b>	Student cannot explain the function of the machine and its elements. Elements not used/explained properly.	Student gives some explanation of machine function, but may not be clear about which elements were used.	Student explains function of each step, and it is clear how the machine works. Elements are fairly easily explained.	Machine elements explained clearly and in detail. Presentation is organized. Student can easily explain function of each element and how they are used to make a complex machine.	All of Advanced AND has additional "Wow!" factor in presentation style, attitude or excitement. Obviously proud of accomplishment.	
	* 2x for individual * 3x for teams				TOTAL OVERALL AVG.	
COMMENTS					TIME	