

## Machine Judge's Form

Team # \_\_\_\_\_

Judges's Initials \_\_\_\_\_

Mark the one box in each category for appropriate rating:

Category/Points	5	4	3	2	1	Score
General Appearance	Eye-catching		Adequate		No Appeal	
Theme	All Steps Conform to the Theme	9 to 7 steps conform to the theme	6 to 4 steps conform to the theme	3 to 4 steps conform to the theme	1 step conforms to the theme	
Simple Machines	5 or more different types	4 different types	3 different types	2 different types	1 type of simple machine	
Recycled Materials	10-8 steps contain recycled materials	7-6 steps contain recycled materials	5-4 steps contain recycled materials	3-2 steps contain recycled materials	1 step contains recycled materials	
Originality	In at least 8 steps materials were used in an unusual way	In 7 or 6 steps materials were used in an unusual way	In 5 or 4 steps materials were used in an unusual way	In 3 or 2 steps materials were used in an unusual way	In 1 step materials were used in an unusual way	
Number of steps	10	9	8	7	6 or fewer	
Easily Viewed	Judges can see all steps without moving		Judges only need to move once to view all steps		Judges had to move several times to view all steps	
On which attempt did it work	1 <sup>st</sup>		2 <sup>nd</sup>			

Judge's Comments:

Total: \_\_\_\_\_ X2=

Team Number: \_\_\_\_\_

Presentation Judge's Form

Judge's Initials: \_\_\_\_\_

Mark the one box in each category for appropriate rating:

Category/Points	5	4	3	2	1	Score
<b>Machine Explanation</b> <ul style="list-style-type: none"> <li>explains what happens</li> <li>the theory behind it</li> <li>relationship to Rube Goldberg</li> </ul>	All 3 requirements satisfied		2 of the 3 requirements satisfied		Only 1 of the requirements satisfied	X 2=
Theme	Theme of the presentation fits with the theme of the machine		Presentation theme was present about half of the time and when present, matched the machine.		You could not detect a link from the presentation to the machine.	X 2 =
Creativity	Highly creative		Some original components to the presentation		No originality presented.	X 3=
<b>Presentation Board:</b> <ul style="list-style-type: none"> <li>Step-by-step diagram</li> <li>Steps labeled</li> <li>Simple machines identified.</li> </ul>	All parts are included		Missing labels or simple machines not identified		Diagram not labeled and simple machines not identified.	X 2 =
Presentation Board General Appearance	Eye-Catching		Adequate		No Appeal	
Theme of the Board	Same as the presentation and machine		Different themes on board and machine			

Judge's Comments:

Total: \_\_\_\_\_