

Energy Transfer Machine ~ Judging Score Sheet



Awards will be given based on the total score derived from the following categories:

- Battery Usage:** Did the machine use the battery as a electric power source? Was it a major step/part of the workings of the machine?
- # of Transfers:** Does the machine use five or more distinct steps (Note: Additional steps are needed to score over 5). Was there diversity of the types of energy transfers within the machine?
- Complexity:** How complex is the machine? (A Rube Goldberg type machine should do a simple task in a very complex way)
- Craftsmanship:** How well is the machine constructed? Is it visually appealing?
- Creativity:** How creative is the machine? Does it use unusual materials? Does the machine have a theme? Is it interesting?
- Showmanship:** Did the team explain their device clearly?
- Precision:** 10 points for completing the run at the 1 minute mark (plus or minus 15 seconds)
- Interview:** Did all the team members contribute to the ETM process and understand the concepts involved?

Please be consistent in awarding points as follows:

0 1 2 3 4 5 6 7 8 9 10
 Poor.....Fair.....Good.....Impressive.....Excellent! _____ Judge

Team/Machine Name	Battery	# of Transfers	Complexity	Craftsman ship	Creativity	Comm unication	Precision	Interview	Total
Comments (run):									
Comments (interview):									
Comments (run):									
Comments (interview):									
Comments (run):									
Comments (interview):									
Comments (run):									
Comments (interview):									