

Energy Transfer Machine ~ Judging Score Sheet

for In-Person Events



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

- Battery Usage:** Was it a major step/part of the workings of the machine? Does the machine use the electricity in an unusual way?
- # of Transfers:** How many energy transfers does the machine use? Was there diversity of the types of energy transfers within the machine?
- Complexity:** How complex is the machine? Does the machine make use of more complex energy transfers than just domino runs and marble ramps?
- 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?
- Precision:** How close to the 1 minute mark was the machine run?
- Video:** Is the video clear, easy to watch, and close enough to see what is happening? Is the audio clear? Did the team explain their device clearly? Did the team fulfill the video requirements?
- Web Page:** Does the web page effectively showcase the team's project? Is the web page arranged attractively? Does it show creativity? Is it enjoyable?
- Interview:** Did the team answer the interview questions completely? Did all of the team members contribute to the ETM process? Do the team members understand the concept of energy transfer?

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	Complex	Craftsman ship	Creativity	Precision	Video	Web Page	Interview	Total
Comments (run):										
Comments (interview):										