

Judging Form

2004 Argonne Rube Goldberg Machine Contest

School and team name _____

Impressions

_____ (-5 max.) Submit 5 copies of machine description; deduct 1 point for each copy short of five

_____ (20 max.) One point per step for up to 20 steps

_____ (5 max.) 1 bonus point for each 5 extra steps

_____ (10 max.) Creative use of unconventional materials

_____ (10 max.) Use of creative, uniform theme

_____ (10 max.) Team spirit

_____ (10 max.) Use of innovative non-electrically powered steps

_____ **(60 max.) Total**

Up and running

First run

_____ (25 max.) First run to completion

_____ (-15 max.) Points lost to human interventions: 2 for first; 4 for second; 8 for third

_____ Points lost for steps skipped on interventions: 1 for each step skipped

Reset

_____ (-5 max) Points lost for touching by more than two team members. Judges will issue a warning; failure to heed judges' warning may result in disqualification.

Second run

_____ (25 max.) Second run to completion

_____ (-15 max.) Points lost to human interventions: 2 for first; 4 for second; 8 for third

_____ Points lost for steps skipped on interventions: 1 for each step skipped

_____ (-5 max.) Exceeds 9-minute time constraint. Judges have the right to terminate the run once the nine-minute time limit has been exceeded.

_____ **(50 max.) Total**

_____ **Grand total (out of 110 points)**