INTERNATIONAL ONLINE *RUBE GOLDBERG* MACHINE CONTEST – AGES 11-14™

2014 OFFICIAL RULE BOOK

JUDGING FORM - ONLINE

TEAM NAME: _____

100 Points

Judging will be based on a one hundred (100) point scale broken down into the following categories:

■ GENERAL IMPRESSIONS (45 POINTS)

_____ *Step List (0 to 5 points)*
How clear, concise, and creative is the written explanation of the machine?

_____ *Theme or Story (0 to 10 points)*
How well is a recognizable theme or story integrated into the machine?

_____ *Laugh Barometer (0 to 10 points)*
Similar to Rube Goldberg's cartoons, how funny is the machine?

_____ *Complexity (0 to 10 points)*
How well does the machine complete the task in a manner more complex than necessary?

_____ *Team Chemistry (0 to 5 points)*
How well does the team communicate and work together?

_____ *Everyday Items (0 to 5 points)*
How well does the machine use recognizable everyday items in a creative, unique, funny way?

☐ *SUBTOTAL GENERAL IMPRESSIONS*

■ RUN RELATED (55 POINTS)

_____ *Explanation/Description (0 to 5 points)*
How clear, concise, creative, and charismatic is the video explanation of the machine?
Time (up to 2 minutes: no penalty; 2:00 – 2:15 minutes: -3 points; over 2:15 minutes: -5 points)

_____ *Run Task Completed (0 to 25 points)*
25 points - if the machine completes all steps without human intervention
15 points - if the machine skips some steps before completing the task
0 points - if the machine does not complete the task
Time (up to 2 minutes: no penalty; 2:01 - 2:10: -5 points; 2:11 - 2:20: -10 points; over 2:20: -15 points)

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JUDGING FORM - ONLINE *continued*

_____ *Rube Goldberg Style Steps* *(0 to 15 points)*
How well are steps designed to use everyday items in creative, unique, and unusual ways? How much variety in mechanisms, energy forms, materials, and physical principles exists in the steps?

_____ *Machine Flow* (0 to 10 points)
How easy is the machine to see and follow from the first through the last step?

☐ *SUBTOTAL RUN RELATED*

☐ **TOTAL POINTS** (0 to 100 points, SUBTOTAL GENERAL IMPRESSIONS + SUBTOTAL RUN RELATED)

NOTES

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