

Judging Criteria for Rube Goldberg machine

Hard ware Demonstrations (40%)

Demonstration will be graded base on the best of the three trials:

- Judging will be based on a 100 point scale broken down into the following categories:

Completed Rube Goldberg Machine (50 to 70 points)

Flow of machine easily followed (0 to 10 points)

Rube Goldberg Style Steps (0 to 20 points)

Human Interventions (-5 points each)

Objects Leaving Machine (-5 points each)

Number of changes in contraption (extra credit points)

Total 100 pts

Poster: (30%)

- Poster will be grade based on the a 100 point scale broken down into the following categories:

Rube Goldberg Spirit (10 points)

Proper poster format (title, names, picture easy to see, font sides large enough to read, etc.) (25 points)

Contents (description of steps, energy types involved, flow of machine easily followed) (50 points)

Overall presentation (15 points)

Total 100 pts

Oral Presentation: (10%)

- Oral presentation judging will be based on a 100 point scale broken down into the following categories:

Introduction (discuss background, problem and constrains) (10points)

Description of the project (steps and energy types involved) (50 points)

Team chemistry (15points)

Overall presentation (style, clarity, interesting factor) (25points)

Total 100 pts