

Has at least 10 transfers of energy. Yes Disqualified

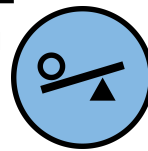
Name _____

Site _____

Name _____

Name _____

Rube Goldberg
 AVUHSD STEM Expo
 Judging Evaluation Form



General Requirements Evaluation*

Presentation Display		Log Notebook	
Attractive, easy to read, and layout is in appropriate logical order	ND 1 – 2 – 3 – 4 – 5	Format: Log notebook is made of sturdy materials, numbered pages, and all entries dated and written legibly in ink.	ND 1 – 2 – 3 – 4 – 5
Visual aids promote understanding	ND 1 – 2 – 3 – 4 – 5	Evidence of Planning: background research, show process of development, description of problems and solutions, research notes	ND 1 – 2 – 3 – 4 – 5
Shows project in appropriate detail for understanding by audience	ND 1 – 2 – 3 – 4 – 5		
Student Presentation			
Professionalism / Delivery	ND 1 – 2 – 3 – 4 – 5		
Content Knowledge / Organization	ND 1 – 2 – 3 – 4 – 5		
Shows project in appropriate detail for understanding by audience	ND 1 – 2 – 3 – 4 – 5		

Rube Goldberg Category Evaluation**

Display and Documentation			
Diagram (illustration) is complete and shows operation from initial step to conclusion.	ND 1 – 2 – 3 – 4 – 5	A minimum of three different types of simple machines are used (e.g. pulleys, screws, inclined planes, levers, wedge, wheel and axel.	ND 1 – 2 – 3 – 4 – 5
Sequential steps of progression are clearly labeled.	ND 1 – 2 – 3 – 4 – 5	Durations of sequential events (time) is taken into account as a part of sequences	ND 1 – 2 – 3 – 4 – 5
		Complexity of steps and quantity of steps are considered in development	ND 1 – 2 – 3 – 4 – 5
Other Considerations specific to this category		Multiple converging simultaneous, recurring, or re-useable paths are provided.	
Device has a clearly identified task, and a simple trigger event initiates operation.	ND 1 – 2 – 3 – 4 – 5	ND 1 – 2 – 3 – 4 – 5	
Thought was given to reset time and effort required.	ND 1 – 2 – 3 – 4 – 5		
Device's construction or purpose has a specific theme	ND 1 – 2 – 3 – 4 – 5		

Additional Notes and Comments on back

Additional Items for Consideration

Safety Considerations	
Team/External Considerations	
Artistry	

ND: Not Demonstrated, 1: Beginning, 2: Developing, 3: Average, 4: Accomplished, 5: Advanced
 (*See General Entry Rules and Requirements for further information, ** See Category Description for further information)