

Rube Goldberg® Machine Rubric

Score	4	3	2	1
Overall Design	Identifies energy transfers and transformations, labeling where the energy comes from, what it does, and where it goes.	Identifies where energy comes from, what it does, and where it goes without transfer or transformation labels.	Either labels energy transfer/transformation OR indicates where energy comes from, what it does, and where it goes.	Uses arrows to indicate the movement of energy.
Constraints of Design	Adheres to all 3 constraints.	Adheres to 2 constraints.	Adheres to 1 constraint.	Does not adhere to any of the constraints.
Criteria for Design	Meets all 3 criteria for the design.	Meets 2 criteria for the design.	Meets 1 criterion for the design.	Does not meet the criteria for the design.