

Rube Goldberg Machines and Forces Scavenger Hunt

Physical Science and Technology

Please TYPE your answers and make sure your name is on the paper. At the end of the period, print your work – even if you’re not completely done! (If you’ve been working hard and using your class time well, we will either give full credit for incomplete work or give you additional time to complete the assignment.)

From the Rube Goldberg website: <http://www.rubegoldberg.com>

1. Who was Rube Goldberg?
2. What kinds of cartoons did Rube Goldberg draw?
3. Describe three examples of a Rube Goldberg machine (explain what the machine is intended to do, and list some of the parts of the machine and what they do).
4. What is this year’s contest for a Rube Goldberg machine (you can use other year’s contests instead if you can’t find this year’s!)?

From the Physics Classroom website: <http://www.physicsclassroom.com/Class/newtlaws/u2l2a.cfm>

5. What is a force?
6. What are two examples of a contact force?
7. What are two examples of an action-at-a-distance force?
8. What is the unit for force?