## **Rube Goldberg Machines and Forces Scavenger Hunt**

Physical Science and Technology

Please WRITE your answers on a clean sheet of paper. Make sure your name is on the paper.

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 the 2009 contest for a Rube Goldberg machine?

From the Physics Classroom website: <a href="http://www.physicsclassroom.com/Class/newtlaws/u212a.cfm">http://www.physicsclassroom.com/Class/newtlaws/u212a.cfm</a>

- 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?