**Rube Goldberg Machines Grading Rubric**

**Group member names: Chosen machine goal:**

# dump goldfish into a bowl

# pop a balloon

# drop candies into soda pop

1. **Does the entire Rube Goldberg machine work? Is the end goal achieved?**

# yes

# no

# yes

# no

**/25 points**

1. **Are each of the following simple machines included as part of the design?**
   * Lever /5 points
   * Pulley /5 points
   * Inclined plane /5 points
   * Screw /5 points
   * Wedge /5 points
   * Wheel and axle /5 points
2. **Does each simple machine work?**
   * Simple machine #1 /5 points
   * Simple machine #2 /5 points
   * Simple machine #3 /5 points
   * Simple machine #4 /5 points
   * Simple machine #5 /5 points
   * Simple machine #6 /5 points
3. **Does each simple machine trigger the next simple machine?**
   * Transition #1 /5 points
   * Transition #2 /5 points
   * Transition #3 /5 points
   * Transition #4 /5 points
   * Transition #5 /5 points
4. **How long does the whole contraption take to run?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 🞨 3 points per second=\_\_\_\_\_\_\_\_\_ points

number of seconds

**Comments:**

**Total Points =**