

1. On the head profile page (student page 1) design and draw a goofy, yet complicated machine of chain reactions that will perform one simple task from inside your head.
 - Use at least 3 simple machine actions (These machines can spin, swing, pivot, roll, lift or drop)
 - Use one animal reaction
 - Use one food item
2. Look at the Simple Machine page (student page 2) for inspiration. You may color, cut and glue the machines or draw by hand.
3. When you are finished drawing and coloring your machine inside the head, cut it out along the solid line. Set aside.
4. On the box below, write the name of your machine.
5. Write each step of your machine's chain reactions. Cut out the box.
6. Glue the machine and chain reaction steps to a colored piece of construction paper.

Congratulations on creating an imaginatively, impossible design!

IDEAS INCLUDE, CREATING A MACHINE THAT MAKES YOU:

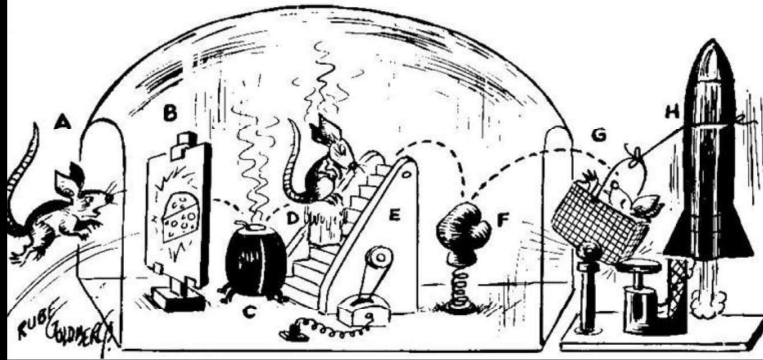
Take a bite of food | Drink from a straw | Sneeze | Blink or Wink | Sing a song | Wake Up | You choose

The more complex and elaborate your machine, the better!

Take a look at the Rube Goldberg design. Mr. Goldberg wrote the steps for many of his designs.

Try to create steps for your design and label each step as you go.

How to Get Rid of a Mouse



How to Get Rid of a Mouse by: Rube Goldberg

A. Mouse, dives for painting of cheese B. Mouse goes through canvas and lands on hot stove C. Mouse jumps on ice cube to cool off D. goes up moving escalator E. Escalator drops mouse onto boxing glove F. Boxing glove punches mouse into basket G. sets off miniature rocket H. Rocket takes mouse to the moon!



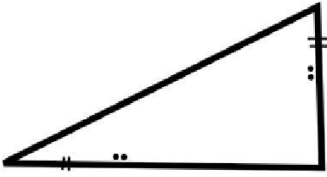
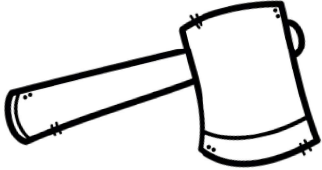
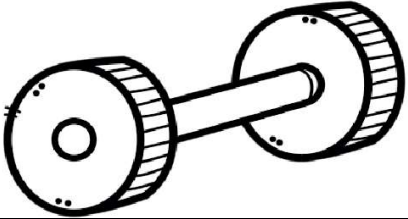
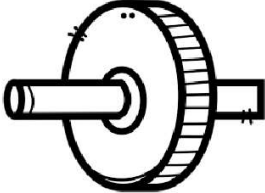
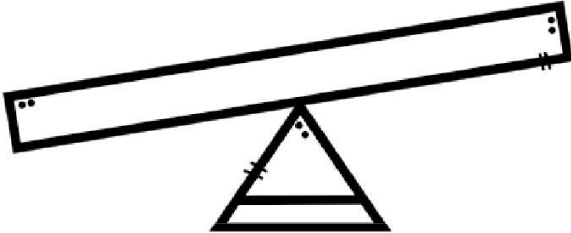
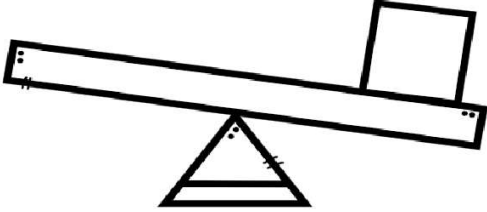
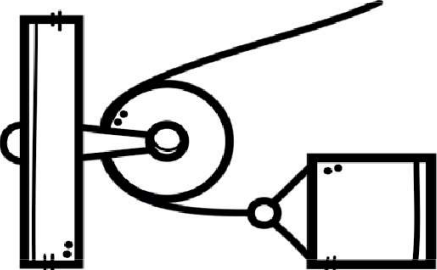

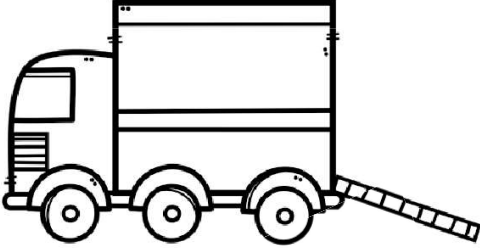
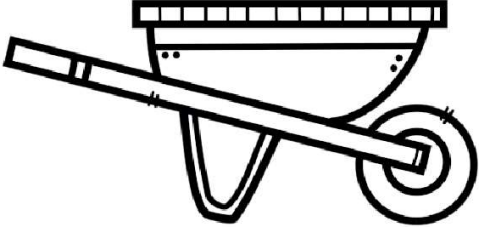
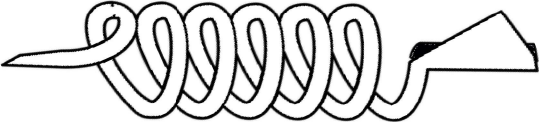

Machine: _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Name _____

6 Simple Machines

These simple machines were frequently found in Rube Goldberg designs. How can you use three or more in your own design? Cut and glue. Elaborate and add details.

| | | |
|----------------|---|---|
| Wedge |  |  |
| Wheel and Axle |  |  |
| Lever |  |  |
| Pulley |  |  |
| Inclined Plane |  |  |
| Screw |  |  |