

A Rube Goldberg Machine

A Rube Goldberg Machine is a contraption that uses a series of chain-reactions to perform a very simple task. This occurs in a needlessly complicated and humorous way. A few simple tasks that a Rube Goldberg Machine might do include: feeding a tank of goldfish, watering a plant, making a piece of toast, catching a mouse, or opening a door.



Goal: Create a Rube Goldberg Machine

You might use:

- dominoes, balls, ramps, bowls, tongs, marbles, tubes, string, springs, recycled objects, pulleys, tape, cardboard, cans, wood, books, boxes, paperclips, buzzers, nets, toothpicks, toys, rubber bands, craft sticks, spools, clothespins, blocks, pans, funnels, toilet paper rolls, pebbles, reusable straws, toy cars

What to do:

- Consider watching this video if you would like to see a Rube Goldberg Machine in action. <https://www.youtube.com/watch?v=0uDDEEHdf1Y>
- Decide what simple task you would like your Rube Goldberg Machine to do.
- Plan out the series of chain-reactions you'd like to use to accomplish your chosen task. Decide what materials are needed.
- Gather materials and experiment. It will most likely require a lot of adjustments to get all of the individual parts of the Rube Goldberg Machine working together. Expect this.
- Predict how many tries it will take to accomplish your task. Keep track of your attempts. Redesign as needed and have fun!

