

## Rube Goldberg Confetti Drop

Create a Rube Goldberg machine which causes confetti to drop at the very end. Your machine must have at least two steps (this does NOT count when you start it, or when the confetti drops). Have fun and good luck!

### Materials

- Pipe cleaners
- Straws
- Small craft sticks
- Large craft sticks
- Foam piece
- Large paper clips
- Foam plate
- Paper plate
- Paper bowl
- Plastic spoon
- Plastic fork
- Assorted scrap cardboard

### Tools

- Scissors
- Tape
- Ruler
- Small cup of confetti

### ASK

What information do you need in order to solve the problem? What questions do you have so that you can be successful?

### IMAGINE

What ideas do you and your teammates have for creating your Rube Goldberg machine? What is your team's best idea?

### PLAN

Sketch out and label your plan on paper.

## **CREATE & TEST**

Create your Rube Goldberg machine. When ready request your confetti and begin testing.

## **IMPROVE & RETEST**

Take a moment to pause. What is going right? What is going wrong?

**Scientists study the world as it is; Engineers create the world that has never been.  
- Theodore von Kármán**