



At Home Engineering

Rube Goldberg Confetti Drop

Create a Rube Goldberg machine which releases a small amount of confetti at the end. A Rube Goldberg machine takes a simple task and makes it overly complicated (think a chain reaction using many steps). Be sure to work through each step of the ENGINEERING DESIGN PROCESS. You can find these below. Good luck!

ASK

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

IMAGINE

What ideas do you have for creating a Rube Goldberg machine? What is your best idea?

PLAN

Sketch out and label your plan on paper.

CREATE and TEST

Create and test your design. How tall was your machine? Did it successfully drop confetti?

IMPROVE and TEST

Take a moment to pause. What is going right? What is going wrong? What can you do better?