

STEM ANYWHERE ACTIVITY

Make Your Own Rube Goldberg Machine

Challenge: Build a Rube Goldberg machine using materials from around the house.

Suggested Materials:

- Marbles
- Toys
- Dominoes
- Books
- Wooden blocks

Get Inspired: Visit YouTube, search “How to make a Rube Goldberg machine for kids,” and get inspired by the awesome examples out there.

Plan it Out: When you’ve gathered your materials and gotten some inspiration, it’s time to make your design plans. Take out a sheet of paper and a pencil and sketch out your Rube Goldberg machine.

Procedure: Build your Rube Goldberg and put your design to work. Give your machine a test run. Did it work from start to finish? If not, can you make modifications to your design so that it does?

Discussion: What changes did you make to improve your Rube Goldberg design? Can you think of ways to make your machine even more complex?

