

HTech Challenge: Rube Goldberg Machine

On a field trip to Brown University, a Rube Goldberg Time Machine is accidentally activated, sending the children to the year 3000. To return to the present day, each child must each design part of a Rube Goldberg machine which when connected will reactivate the time machine. Include favorite objects because the time machine needs them to send you home to your family!

To make a Rube Goldberg machine, you will need to create a chain reaction with objects around your house. See some examples of Rube Goldberg machines in these videos.

To make it back from the future, the machine should start and end with one of the following (does not have to start and end with the same feature):

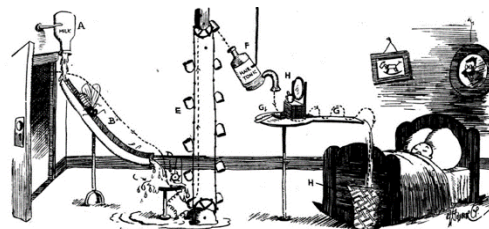
- Domino Effect
- An object rolling
- A string being pulled



If you don't want to build a machine, you can make a Rube Goldberg time machine cartoon instead!

Bonus Goals to Add in Your Machine:

- Ball goes into cup
- Use a lever
- Use a pulley
- Make something go up



Example Materials:

Paper towel rolls	Pipe cleaners	Plastic containers
Clay	Cups/bowls/plates	Paper/cardboard
Rubber bands	String/yarn	Wheels/axles
Spools/rolls	Paperclips	Tape
Dominos	Cubes/blocks	Magnets
Legos	Toy cars	Balls/marbles
Rulers	Lego baseplates	Dice

How to Submit: Film a video of your machine in action and visit the website to find the submission Link! This will take you to a Google Form to fill out which allows us to see your creative solutions!

About Us: Brown Humanitarian Technology, better known as H-Tech, is an Engineering Club led by Brown University undergraduates. Our goal is to design, create and build projects that serve a humanitarian purpose. With projects ranging from the local to the international scale, we hope to apply our classroom knowledge to assist others through technology.



Brown Engineering Student Group
**HUMANITARIAN
TECHNOLOGY**