

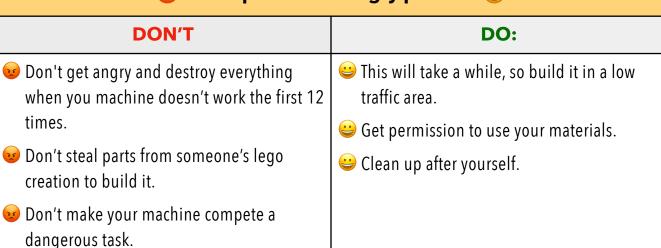
# Week 8: Rube Goldberg



## Complete the Challenge.

Build an amazing Rube Goldberg Machine: an unnecessarily complex creation designed to perform a very simple task, usually involving lots of chain reactions.

| chain reactions.  |   |
|---|---|
| The Rules  FOR KIDS 12 AND UNDER  |   |
| You CAN:  | You CAN'T:  |
| ✓ You can accomplish any simple task you  | X You can't use a pre-made domino track.  |
| want. Examples include: closing a book, ringing a bell, or feeding a pet.   | You can't interfere with the machine if<br>something doesn't work.                |
| ✓ You can use anything you want to build your machine.  | X You can't give up when your machine doesn't work the first time. They never do! |
| ✓ Make your machine as long or as complicated as you wish. Just be sure to film all of the action from start to finish!                                   |   |
| Here are a few incredible and very elaborate examples of Rube Goldbergs: Monica Calls the Elevator, The Cake Server, Pass the Salt!, The Lemonade Machine |   |
| Our tips to avoid angry parents 😀   |   |
| DONIT   | DO:   |





### Create a video of your solution.

Try to keep your video under 90-seconds long and include the following:

- How does your solution work?
- What materials did you use?
- Did you have to overcome any problems?

Your video will be visible to anyone with an internet connection, so it's important to protect your privacy and stay safe. See our **website** for more information.



#### Enter the contest by 9:00pm ET on August 13, 2023.

Ask a parent to upload your video to our website using our <u>online entry form</u>.

\*\*\*Do not upload your video to YouTube or Vimeo. Submit the original file.\*\*\*

All contest entries will receive  $\underline{\mathbf{1}}$  point for our big end-of-the-summer prize drawing! You can earn bonus points for:

- Getting a friend to participate in their first ever Invent the Summer challenge (make sure they give you credit) - 5 points
- Completing 3 challenges in a row 3 points
- Completing 5 challenges 5 points
- Completing ALL 8 challenges 5 points



#### View other solutions and VOTE!

You can see all the solutions and vote for your favorites from 8:00am ET on Monday, August 14 until 5:00pm, Tuesday, August 15. See our <u>voting rules</u> for more



# Winners announced by 8:00pm on August 15!

Audience Choice Award: Goes to the solution with the most online votes.

**Board Choice Awards:** Selected by the Junior Board of Engineers. Solutions will be judged on originality, execution, and presentation.

**Epic Fail Award:** Show us your failed attempts! This award goes to the most impressive failure of the week.

Winners receive their choice of an *Invent the Summer* t-shirt, bag, or notebook.