



INVENT THE SUMMER

Week 9: Rube Goldberg Machine



Your Objective:

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

You CAN:

- ☀ Accomplish any simple task you want. Examples include: closing a book, tipping over a cup or ringing a bell.
- ☀ Use anything you want to build your machine.
- ☀ Make your machine as long or as complicated as you wish. Just be sure to film all of the action from start to finish!

You CAN'T:

- ☀ Use a pre-made domino track.
- ☀ Interfere with the machine if something doesn't work.
- ☀ Give up when your machine doesn't work the first time.

Here are a few incredible and very elaborate examples of Rube Goldberg Machines: [The Cake Server](#), [Pass the Salt!](#), [The Lemonade Machine](#)

How to avoid angry parents:

DO:

- ☀ Clean up after yourself.
- ☀ Ask permission to build your machine where you want to.
- ☀ Agree on materials to use before you start building.

DON'T:

- ☀ Use someone else's things without asking first.
- ☀ Leave machine parts all over the stairs or anywhere else.
- ☀ Build your machine at the kitchen table right before dinner.



Take a video of your Rube Goldberg Machine.

Create a video of your solution. Try to keep your video under 1-minute long and include the following:

- The name of your solution.
- How does it work?
- What kind of materials did you use?
- Did you have any problems figuring out the solution?
- What was the biggest lesson you learned?

Remember, your video will be visible to anyone with an internet connection, so it's important to protect your privacy and stay safe. [Click here](#) to see our video submission and safety tips.



Ask a parent to enter your video into our contest by 11:59pm EST on Sunday August 11, 2019.

To enter our contest, you must upload your video to [YouTube](#) or [Vimeo](#). Then use our [online entry form](#) to send us the link. All entries must be completed by a parent or legal guardian.

**All submitted videos will be reviewed prior to publishing online to ensure that the rules of the contest were followed and that the content is appropriate for all ages.*

Voting

Voting will open at 12:01am EST on August 5 and close at 11:59pm EST on August 6. See our [voting rules](#) for more information.

3 Winners to be announced August 14, 2019!

1 Popular Choice Winner: Receives an *Invent the Summer* t-shirt.

1 Editor's Pick: Selected by the *Invent the Summer* team. Challenge solutions will be judged on originality, execution and presentation. The winner will receive an *Invent the Summer* t-shirt.

1 Random Choice Winner: One person from our mailing list will be selected at random to receive an *Invent the Summer* drawstring bag.