



INVENT THE SUMMER

Week 2: Parachute

1 Complete the Challenge.

Create a working parachute for a toy that allows it to fall from a chosen height in a safe and controlled manner.

For kids
12 and
under!

The Rules

You CAN:

- ✓ Use any materials you want to build your parachute.
- ✓ Use a toy or any size or shape.
- ✓ Make it as large or as small as you want.

You CAN'T:

- ✗ Use a premade parachute or a toy that already has a parachute attached to it.
- ✗ Use a toy that will break easily if your parachute fails.
- ✗ Drop a living thing!

Once you have a working parachute at a given height, see how much higher you can go while still maintaining a controlled descent.

🤔 Our tips to avoid angry parents 😊

DON'T

- 🤔 Use your siblings or pets to test your parachute.
- 🤔 Drop things on people.
- 🤔 Drop your toy from the roof or anywhere else really dangerous.

DO:

- 😊 Get permission to drop your toy of choice.
- 😊 Ask where you should drop your toy and parachute from.
- 😊 Agree on parachute materials before you start cutting things up.

2 Create a video of your Parachute.

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.

3 Enter the contest by 9:00pm EST on July 12, 2020.

Ask a parent to 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 contest entries will receive **1** ticket for our big end-of-the-summer prize drawing! You can receive bonus tickets anytime someone enters their first *Invent the Summer* challenge and credits you for telling them about us!

**All videos will be reviewed prior to publishing online to ensure the content is appropriate for all ages.*

4 View other solutions and VOTE!

You can see all the solutions and vote for your favorites from 8:00am EST on Monday, July 13 until 5:00pm EST on Tuesday, July 14. See our [voting rules](#) for more information.

5 Winners announced 8:00pm on July 14th!

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

Editor's Choice Award: Selected by the Junior Board of Engineers. Solutions will be judged on originality, execution and presentation.

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