

Week 2: Parachute



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.

The Rules For kids 12 and under!	
You CAN:	You CAN'T:
✓ Use any materials you want to build your parachute.	X Use a premade parachute or a toy that already has a parachute attached to it.
✓ Use a toy or any size or shape.✓ Make it as large or as small as you want.	Use a toy that will break easily if your parachute fails.
	X 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.	
DON'T	DO:
⊌ Use your siblings or pets to test your	e Get permission to drop your toy of choice.
parachute. Drop things on people.	Ask where you should drop your toy and parachute from.
Drop your toy from the roof or anywhere else really dangerous.	Agree on parachute materials before you start cutting things up.



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. <u>Click here</u> to see our video submission and safety tips.



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

Ask a parent to upload your video to <u>YouTube</u> or <u>Vimeo</u>. Then use our <u>online entry</u> 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.



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 <u>voting rules</u> for more information.



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.