



# INVENT THE SUMMER

## Week 1: The Egg Drop Challenge



### Your Objective:

Drop an egg from as high as possible without breaking it.

#### You CAN:

- ☀️ Protect, wrap or encase the egg however you want to.
- ☀️ Create a way to slow its descent (for example: a parachute).

#### You CAN'T:

- ☀️ Cushion the landing (for example: no dropping onto pillows or into water).
- ☀️ Interfere with its descent in any way. Once you drop the egg you have to stand back and let gravity do its work.

Once you can drop the egg without breaking it, see how high you can go. If you are successful at the highest height you can safely manage, then get creative and see how far you can launch it without breaking it!

---

### How to avoid angry parents:

#### DO:

- ☀️ Explain the challenge before you start.
- ☀️ Ask if you can use a few eggs. Make sure they are not an ingredient in your next meal.
- ☀️ Practice with a plastic egg filled with sand or rocks.
- ☀️ Clean up after yourself and wash your hands.

#### DON'T:

- ☀️ Try this inside.
- ☀️ Make your parents buy dozens of eggs.
- ☀️ Throw them at or drop them on your siblings or anyone else.
- ☀️ Drop the egg from your roof or anywhere else really dangerous.



## Take a video of your successful egg drop.

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 June 16, 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 June 17 and close at 11:59pm EST on June 18. See our [voting rules](#) for more information.

## 3 Winners to be announced June 19, 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.