INVENT THE SUMMER

Week 2: Paper Airplane

1 **Complete the Challenge.**

Make and fly a paper airplane that can carry some kind of cargo or weight.

For kids 12 and under!

The Rules	
You CAN:	**You CAN'T:**
✓ Make it using any type of paper. ✓ Use anything as a weight: pennies, paperclips, dumbbell, pencil, etc. ✓ Make any type of paper plane you want.	✗ Use a premade/store bought plane. ✗ Just throw a weighted paper ball or dart. ✗ Hold up your plane. It actually has to fly!
Experiment with different types of paper, weights and designs. How do your changes impact the flight of the plane?	
😠 **Our tips to avoid angry parents** 😀	
DON'T	**DO:**
😠 Use your siblings or parents as a landing strip. 😠 Leave paper planes all over the place. 😠 Use all of the paper in the house.	😀 Pick up your airplane once you throw it. 😀 Make sure your parents are okay with the paper you are using. 😀 Try to use paper that's already been used and is destined for the recycle bin.

② Create a video of your Paper Airplane.

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 4, 2021.

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 5 until 5:00pm EST on Tuesday, July 6. See our **voting rules** for more information.

⑤ Winners announced by 8:00pm on July 6!

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.