



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:
<ul style="list-style-type: none">✓ 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.	<ul style="list-style-type: none">✗ 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:
<ul style="list-style-type: none">😡 Use your siblings or parents as a landing strip.😡 Leave paper planes all over the place.😡 Use all of the paper in the house.	<ul style="list-style-type: none">😊 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.