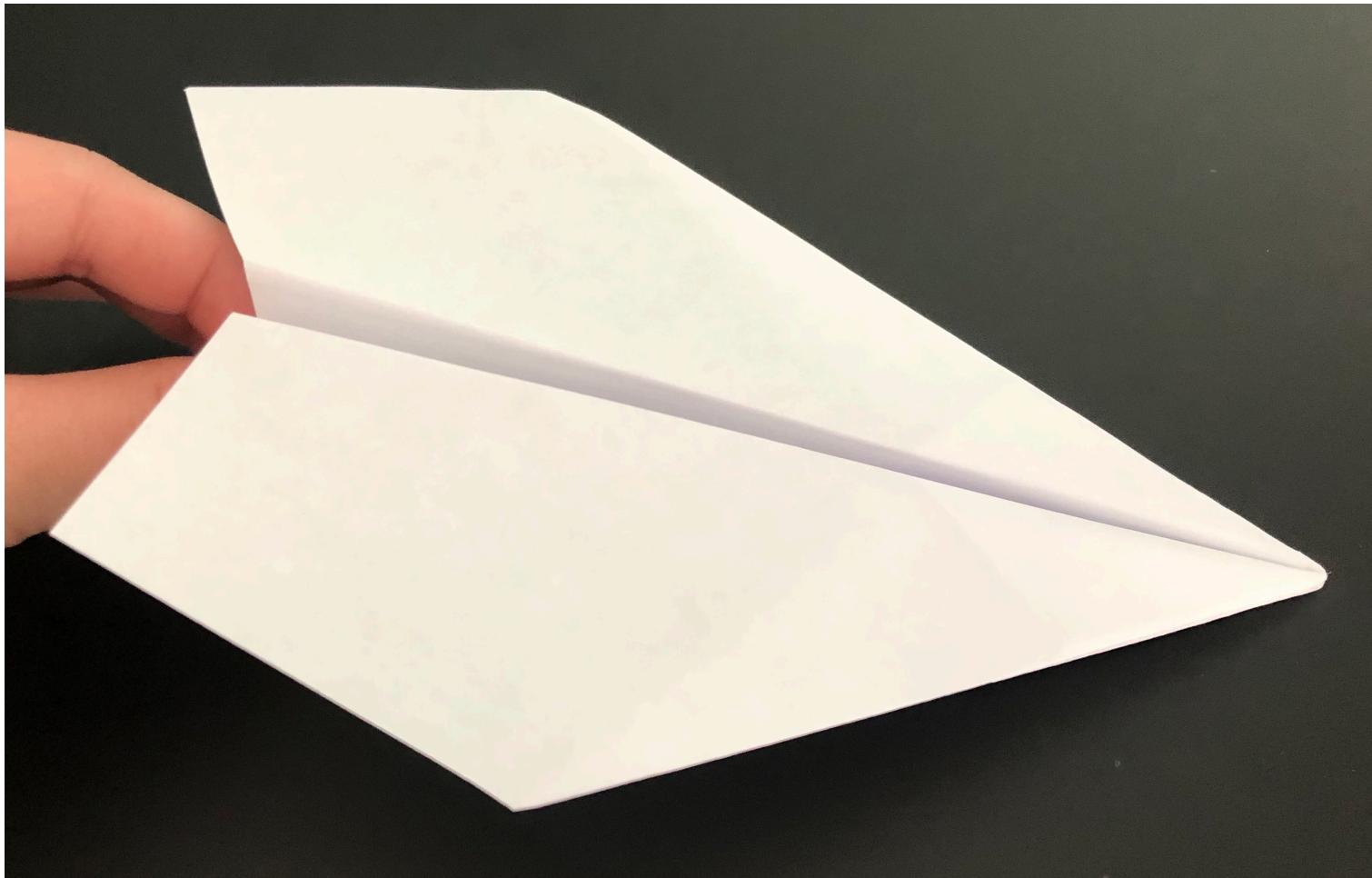
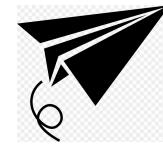




HOW TO BUILD THE PAPER AIRPLANE, “SUZANNE”

BASED ON THE DESIGN OF JOHN COLLINS, *THE PAPER AIRPLANE GUY*



Created by Julia Purza



MATERIAL

1. Paper

Options:

- a. Standard 8.5" by 11" piece of paper
- b. Trim 19mm off width of the standard paper to obtain a more exact "Suzanne" paper airplane

2. Scissors (optional - if trimming)

3. Ruler (optional - if trimming)

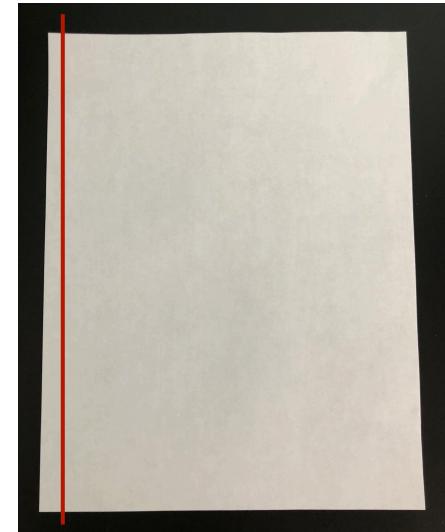
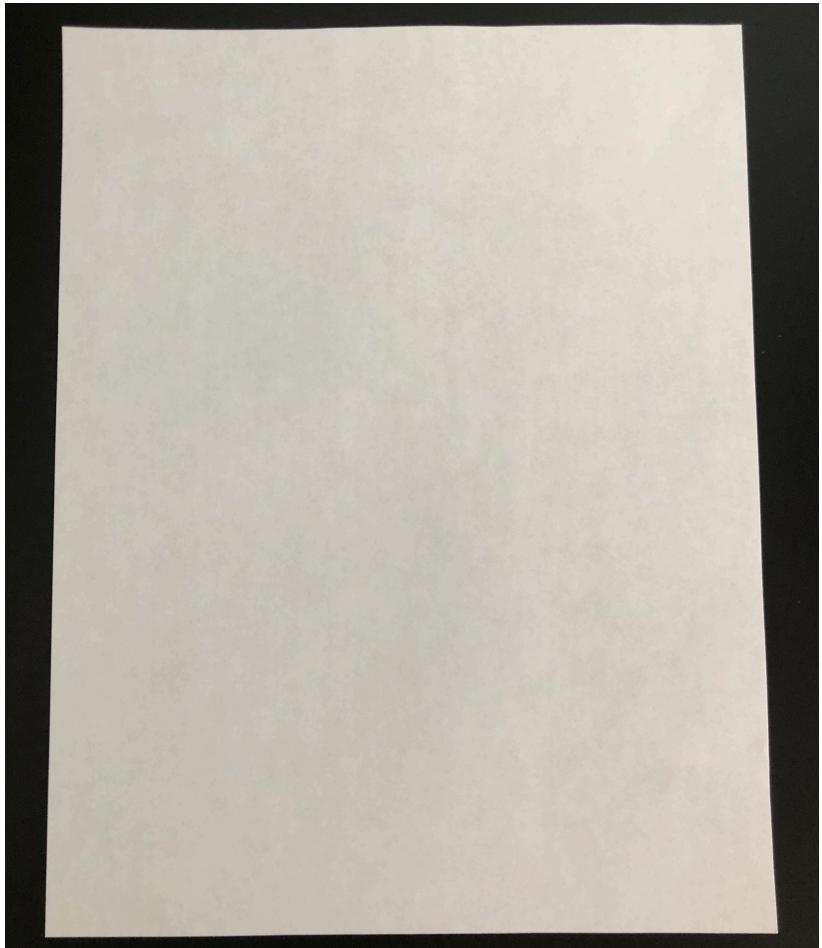


TABLE OF CONTENTS

Step-by-step instructions	3 – 10
Sources	11



STEP 1

Begin with a standard 8.5" x 11" paper. You can trim 19mm from the paper's width for more exact "Suzanne" dimensions. Position the paper in portrait orientation.



STEP 2

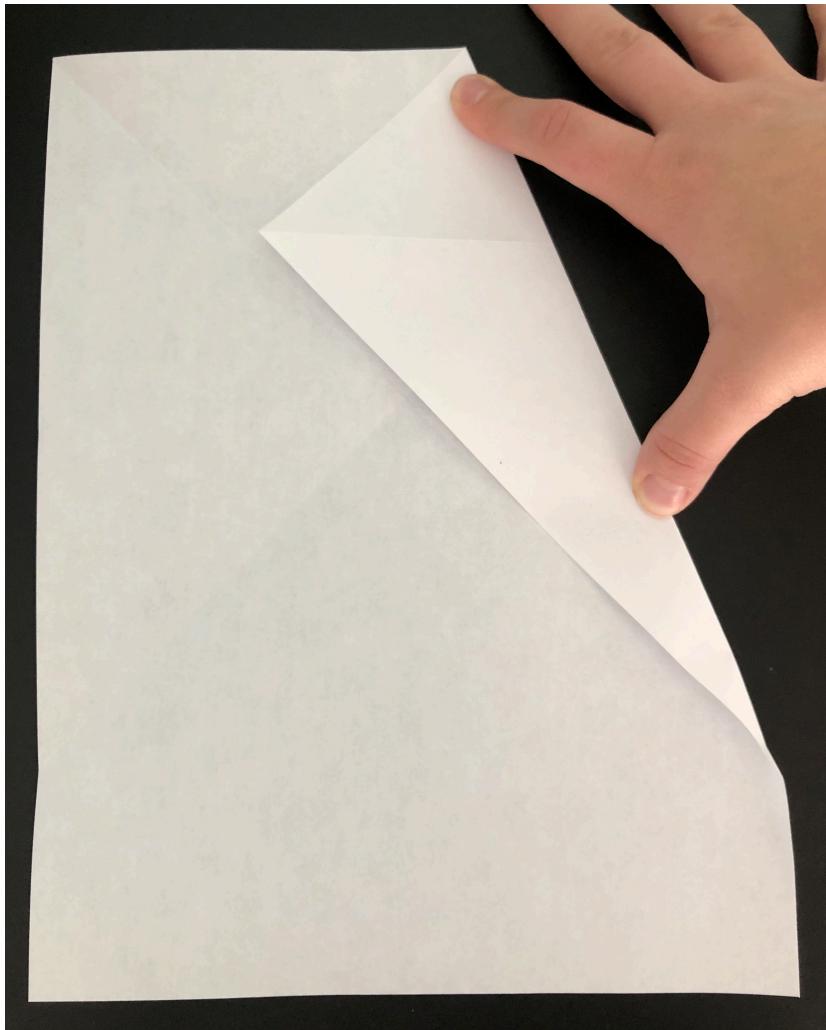
Fold the top right corner down so that it sits against the edge of the left side.



STEP 3

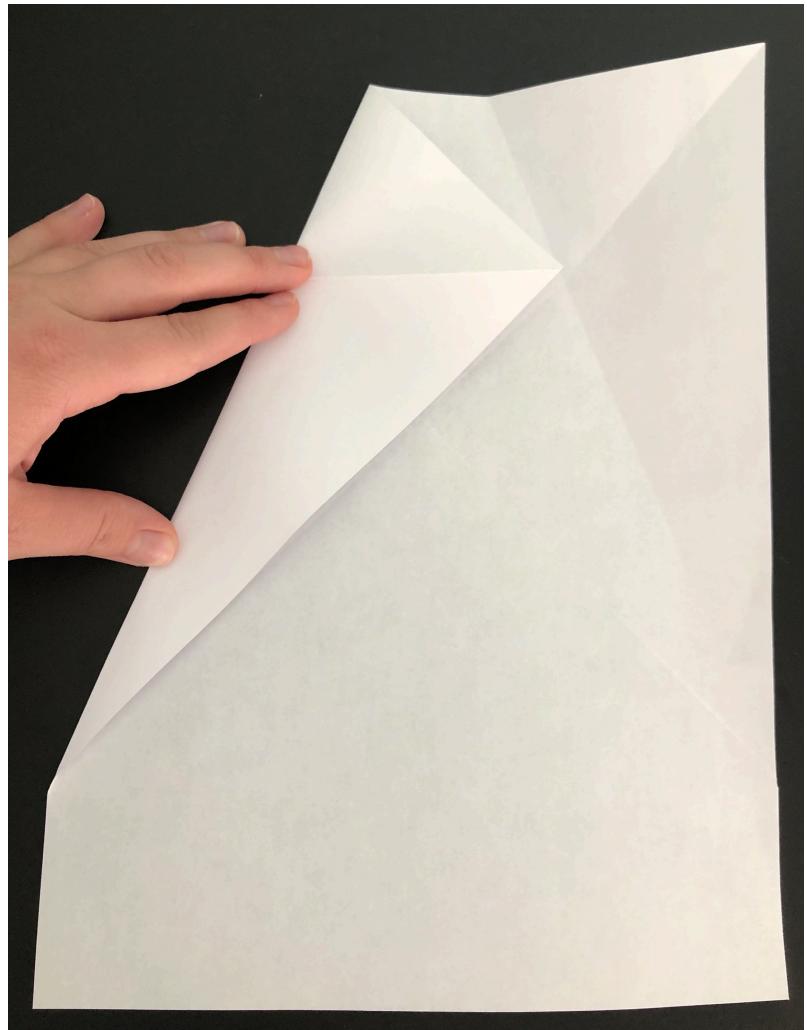
Unfold the paper and repeat with the top left corner.
Unfold again so that there is a crease in the shape of
an X on the paper.

This is what the paper should look like after unfolding.



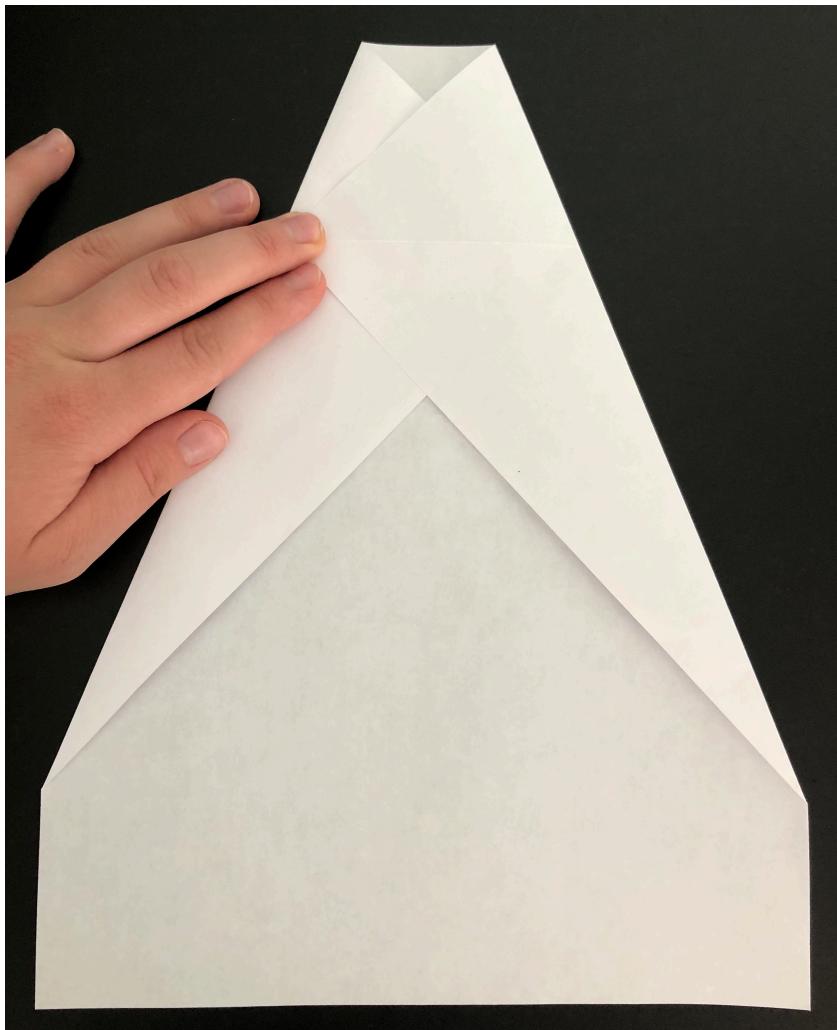
STEP 4

Fold the right edge of the paper down.
It should align with the crease created in Step 2.



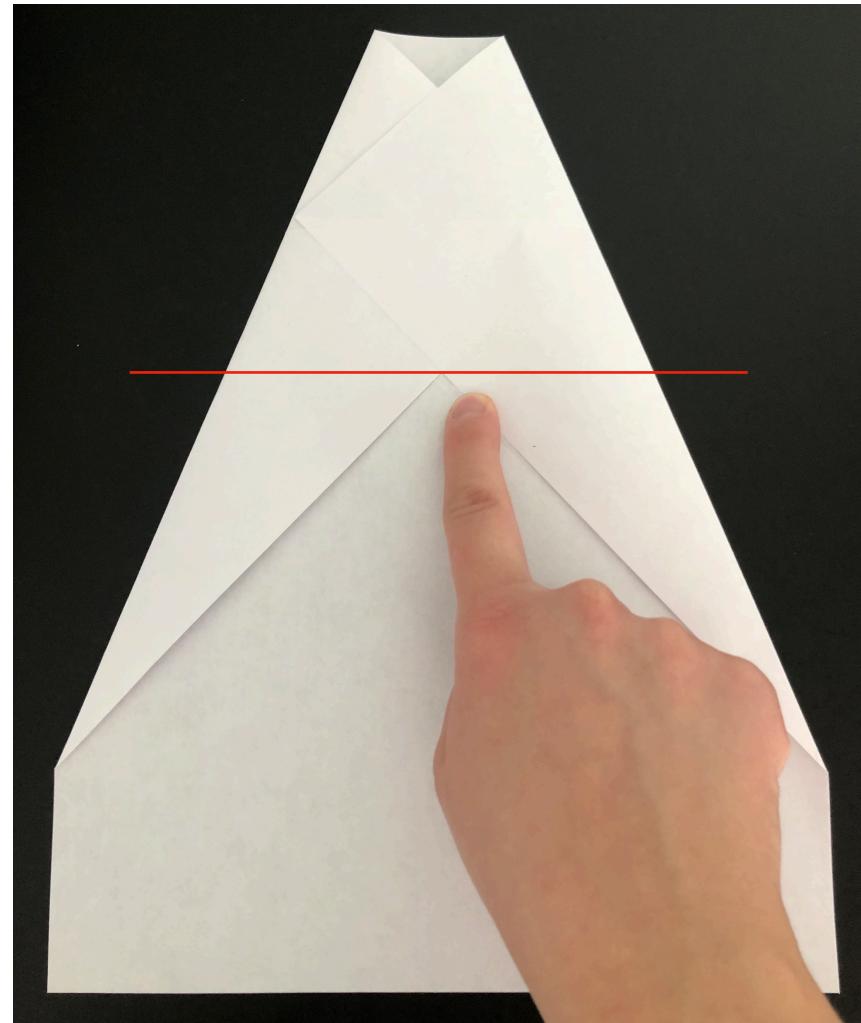
STEP 5

Make sure everything is unfolded.
Repeat Step 4, but with the top left corner now.



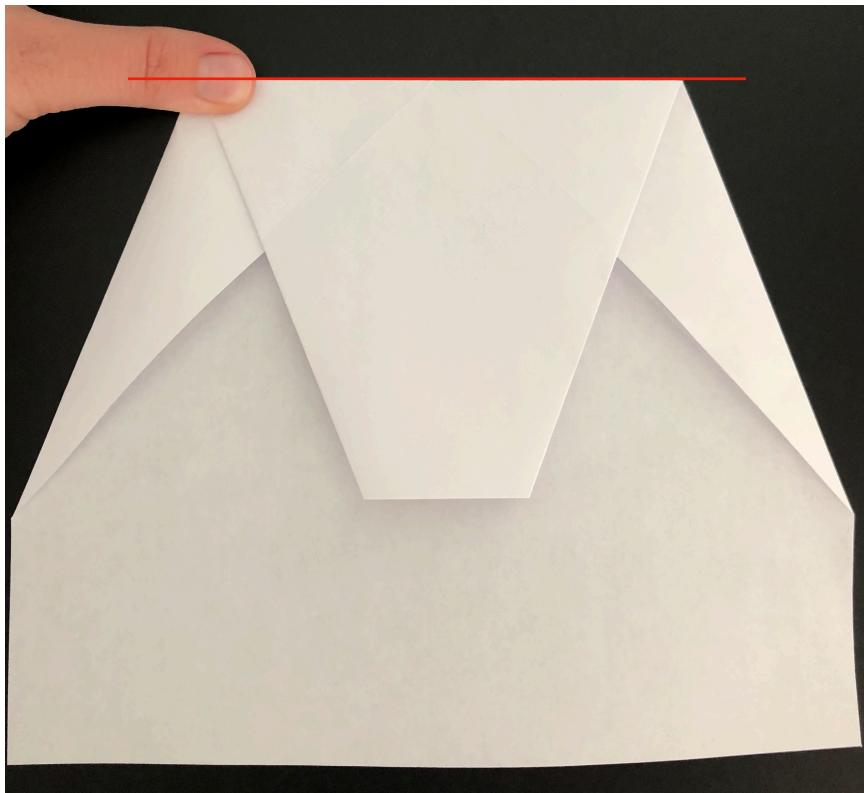
STEP 6

Leave the left flap folded down and fold the right flap down on top of it.

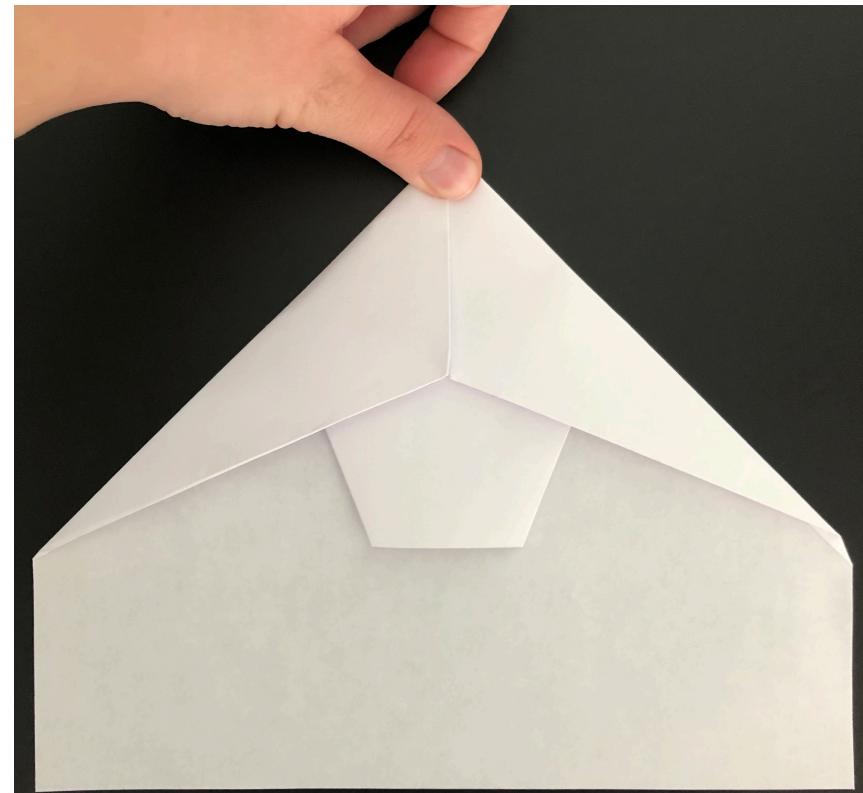


STEP 7

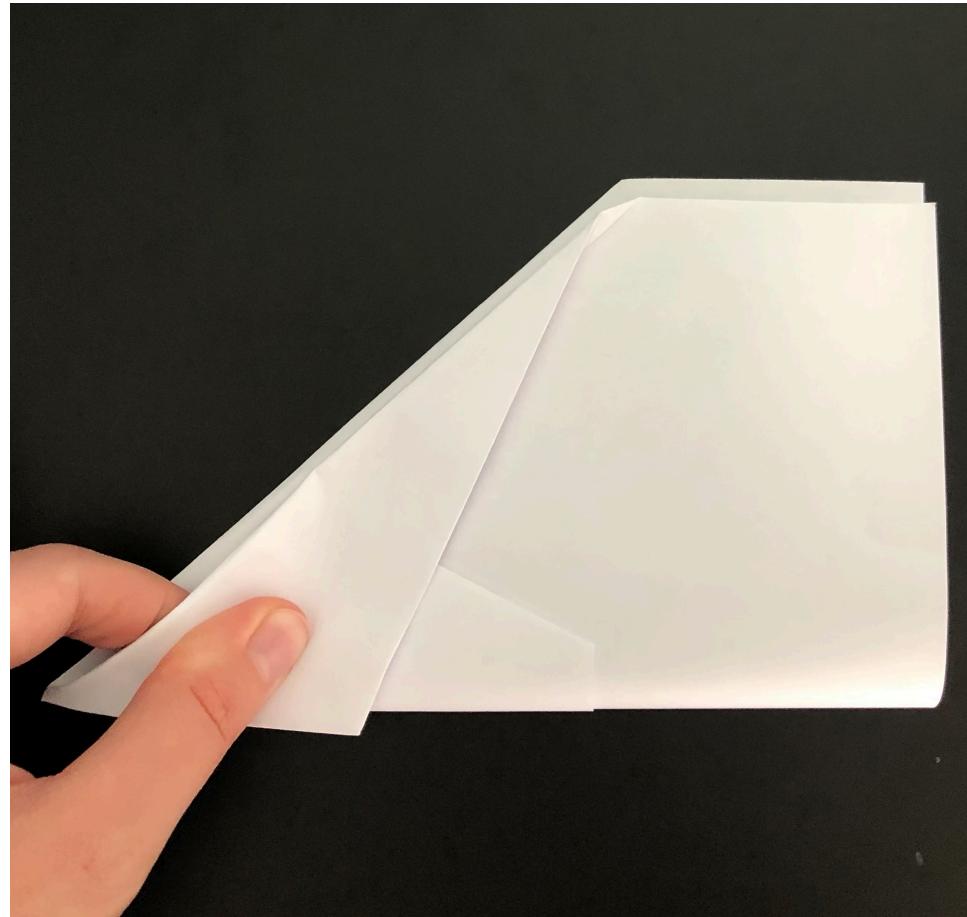
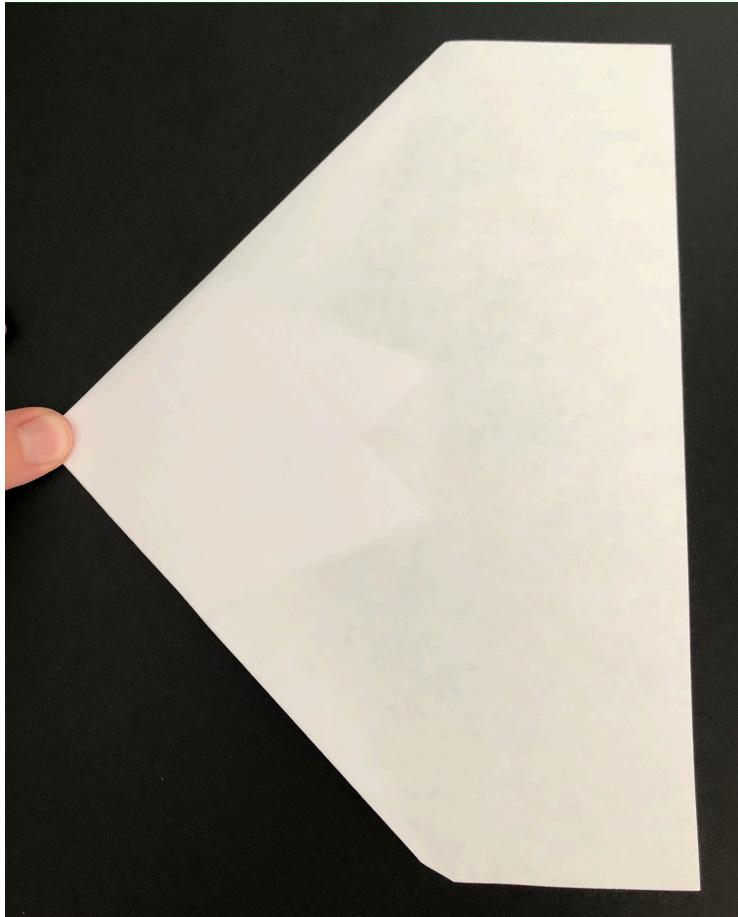
Make note / draw a line where the two edges intersect.
You will fold the top of the paper down to that line next.

**STEP 8**

Fold the top of the paper down to the line. The top edge of the paper will be parallel to the bottom edge.

**STEP 9**

Fold the top left and right corners of the paper down. They should meet in the middle and be of equal length.

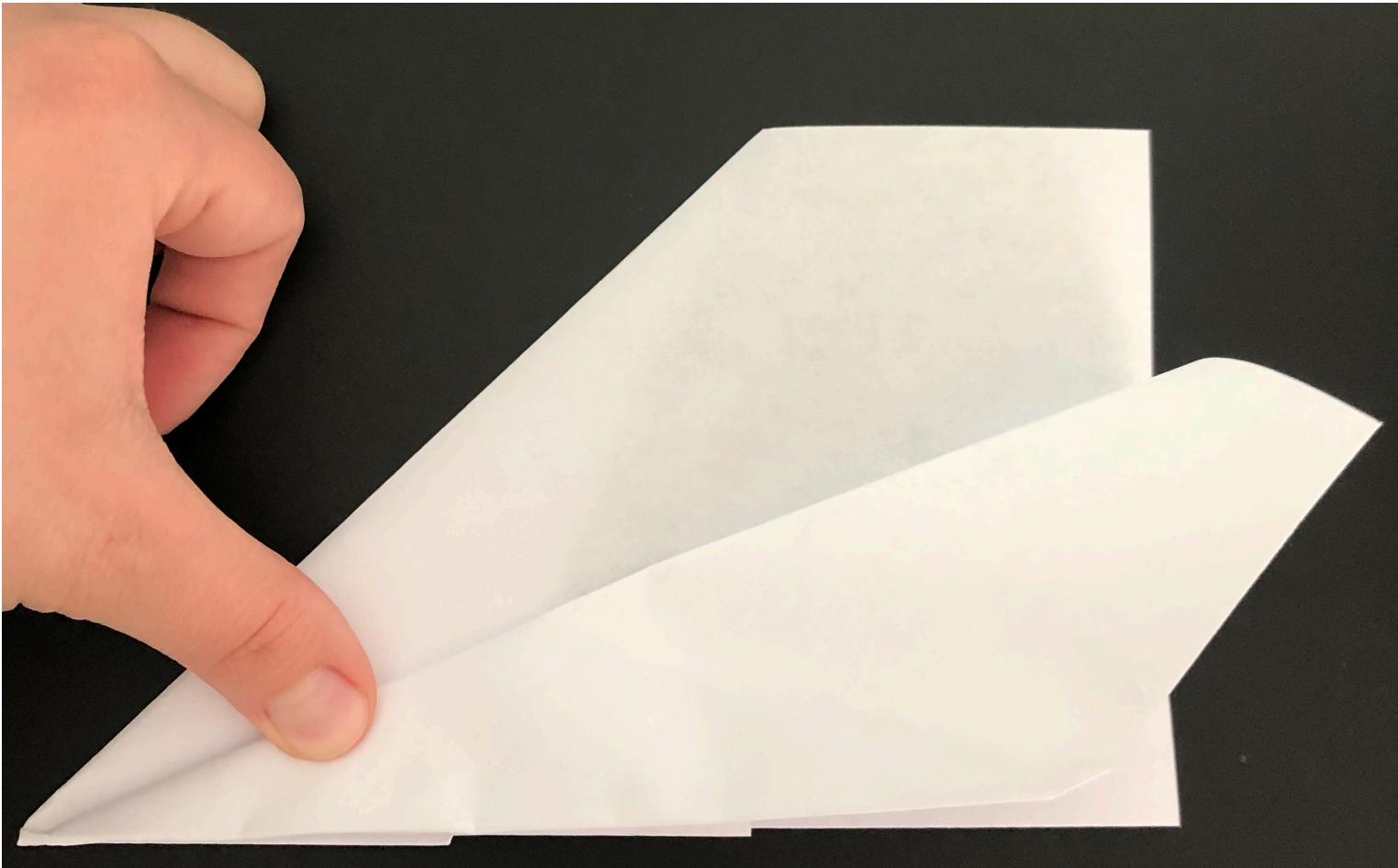


STEP 10

Flip the paper over and rotate it so that the plane's sharp nose points to the side.

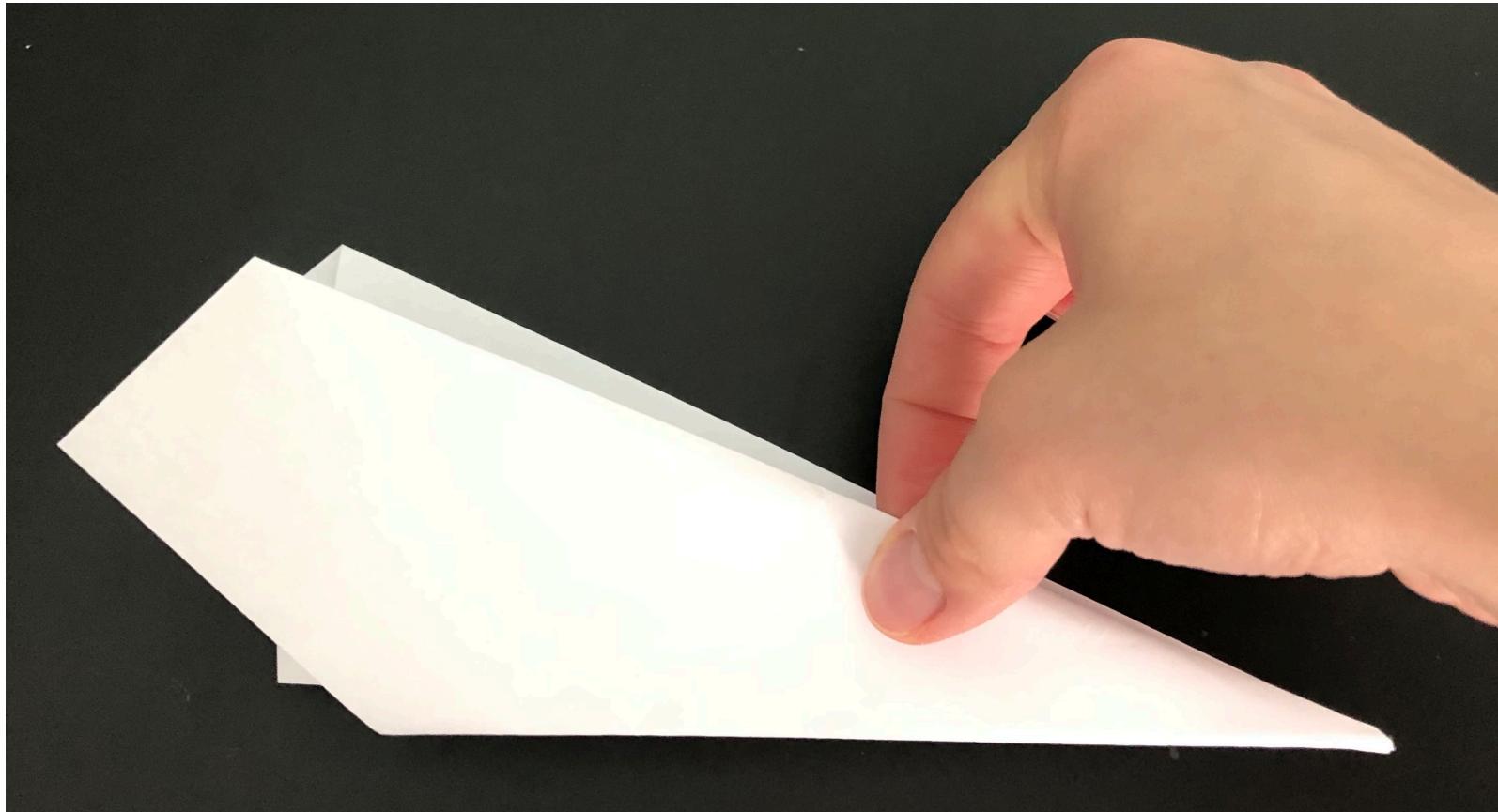
STEP 11

Fold the bottom edge of the plane up so that it aligns with the top edge of the paper.



STEP 12

Fold one wing down. The fold should start approximately 1/4 inch away from the nose.
The diagonal edge should line up with the point of the bottom corner.



STEP 13

Flip the paper over and repeat **Step 12** on the other side to create the other wing.

The two wings should be evenly aligned.

AND YOU'RE DONE!

Created by Julia Purza

Sources

Maker Camp. (2015). “Paper Airplanes.” *Maker Camp*. Retrieved October 13, 2020, from

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