

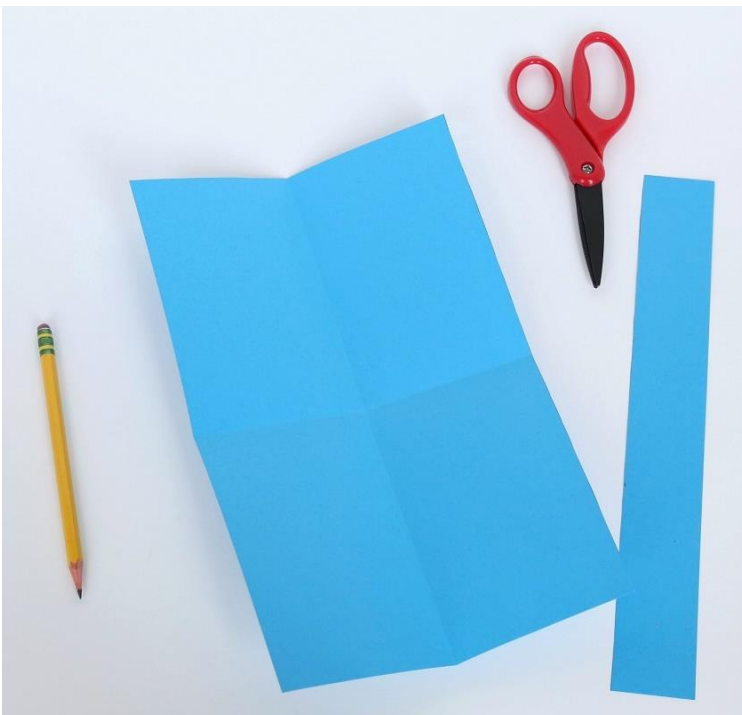
How to Make Awesome Paper Airplanes! *4 Designs*

The Rocket

Step 1: Start with a 8.5 x 11 sheet of paper. Cut off a 1.5 inch strip from the side.



Step 2: Fold the paper in half vertically and then horizontally to create creases.



Step 3: Fold the top of the paper 1/4 of the way down so that it lines up with the center crease.



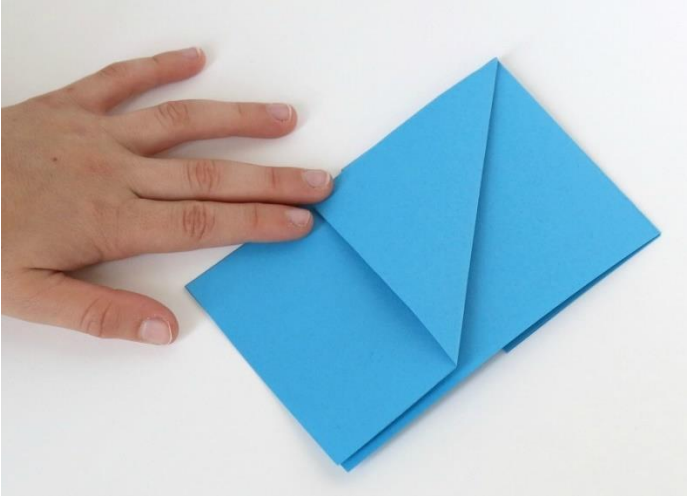
Step 4: Fold the paper down again.



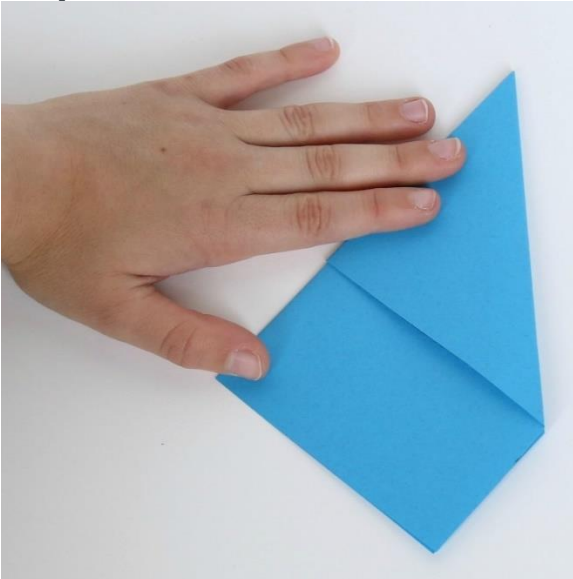
Step 5: Fold your paper in half, mountain fold. The folded edges should be on the outside.



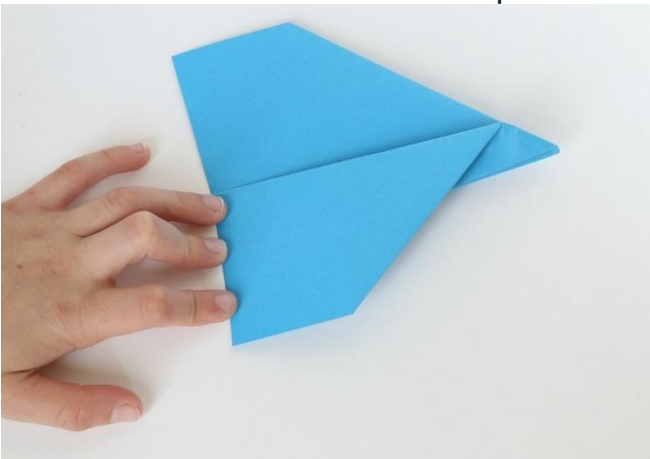
Step 6: Flip the paper over so that the folded edge is on the left. Fold down the top corner so that it lines up with the left edge.



Step 7: Fold down the other side in the same way.



Step 8: Now fold the wings down, one at a time. Make your fold line about 1 inch above the bottom of the plane.



Step 9: Cut a tail from the strip that you cut off at the beginning. If you want a wider tail, use a separate piece of paper.

Step 10: Staple the bottom of the paper airplane to hold it together. Place one staple in the front and one in the back. Make sure that the staple in the back goes through both sides of the plane as well as the tail.



Your Rocket airplane is complete! Time to test it out!

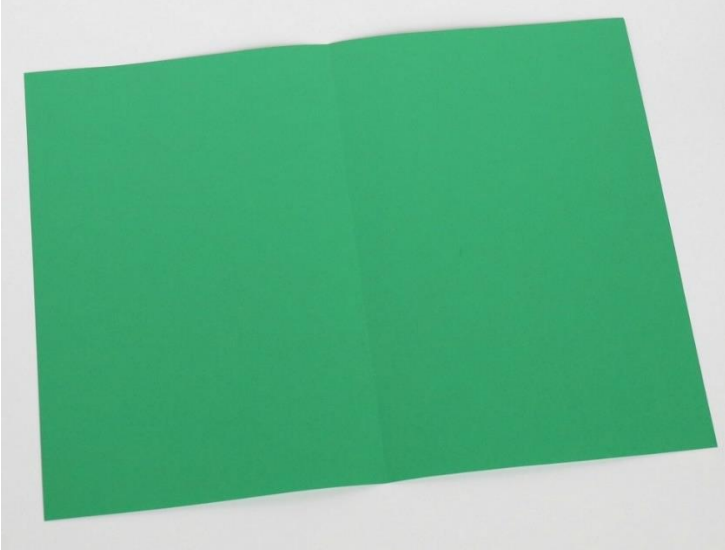


The Falcon

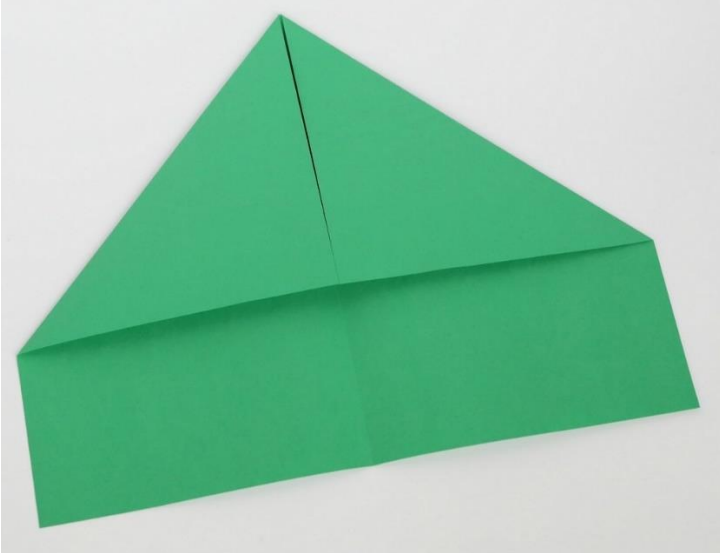
This paper airplane is a glider that still achieves good distance. Easy to throw.

This plane was adapted from an old school paper airplane book called "Best Ever Paper Airplanes."

Step 1: Start with an 8.5 x 11 sheet of paper. Turn the paper so that the wider side runs horizontally. Fold it in half to make a crease.



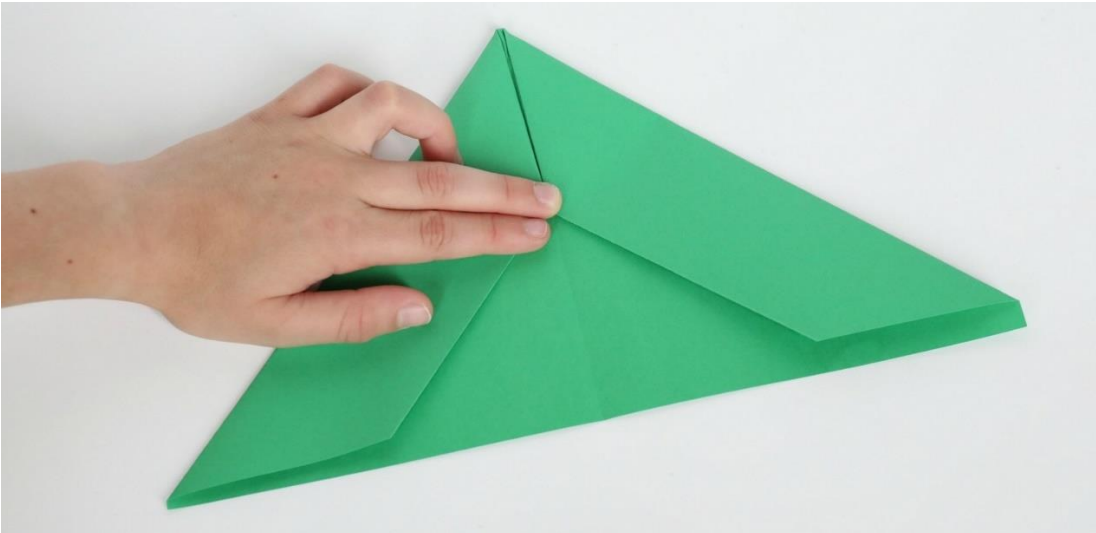
Step 2: Fold down both top corners so that they meet in the center.



Step 3: Fold the top point down to meet the center.



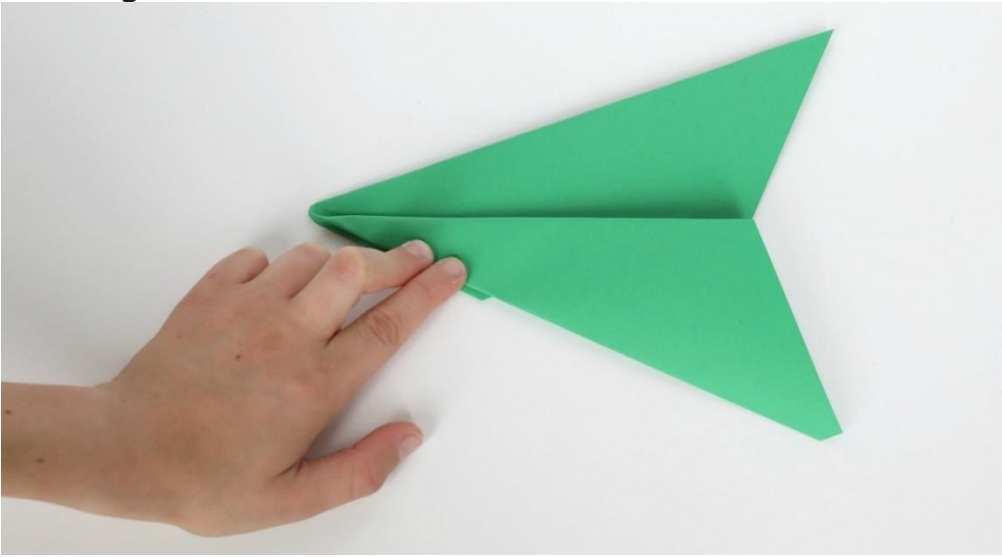
Step 4: This step looks difficult, but it's quite simple. Fold each side over to meet in the center.



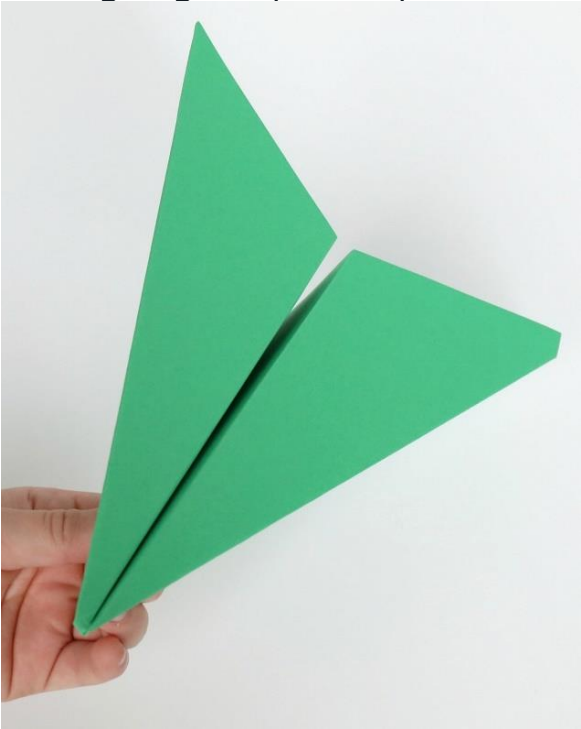
Step 5: Fold the plane in half. Make it a mountain fold, so that the folded edges are on the outside.



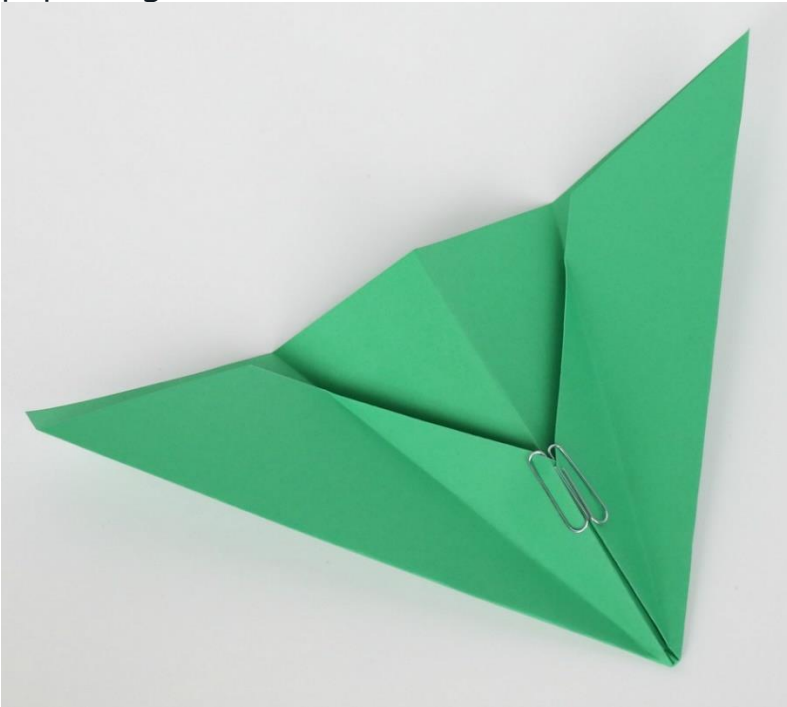
Step 6: Fold down the wings on each side so that they line up with the bottom edge.



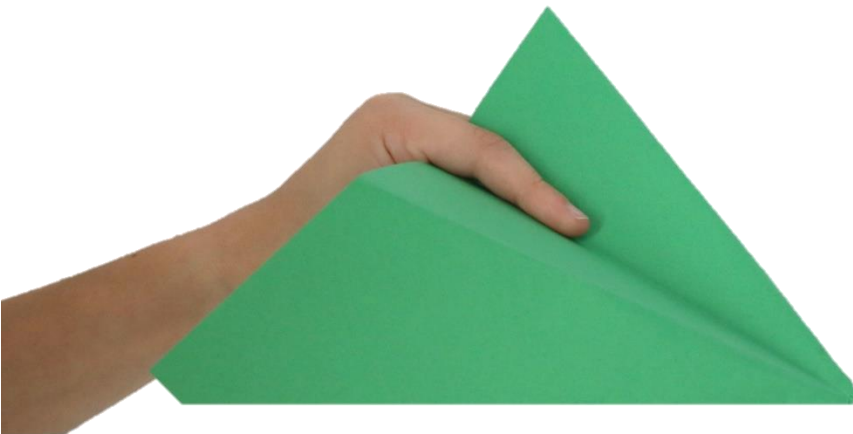
Step 7: The plane will look like this with both wings folded down. However, we're going to open it up a little while throwing it to get "W" shaped wings.



Step 8: Flip the plane over. Use paperclips to attach the bottom two layers of paper together.



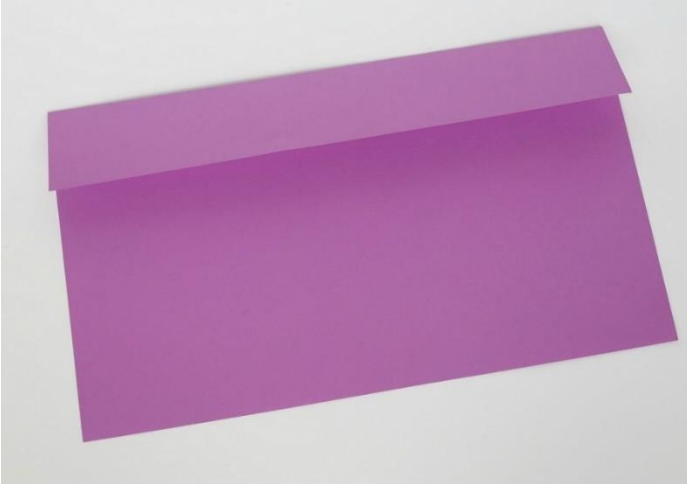
Then you're ready to fly your paper airplane! Try throwing this one with one finger on top. Give it a gentle throw so that it glides really far.



The Super Glider

The Super Glider is a fun shape! Experiment with adding weight (paperclips) to the nose. How much weight makes it fly the best? This plane is fun, but does not go as far as the first plane. I would recommend the first design for young kids.

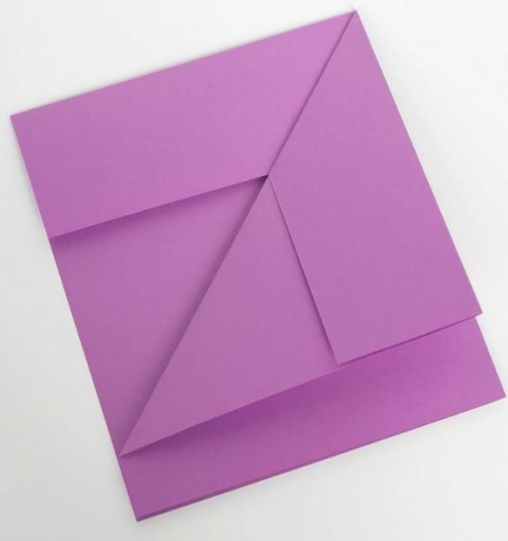
Step 1: Start with an 8.5 x 11 piece of paper. Turn it so that the wider side runs horizontally. Fold down the top by about 2 inches.



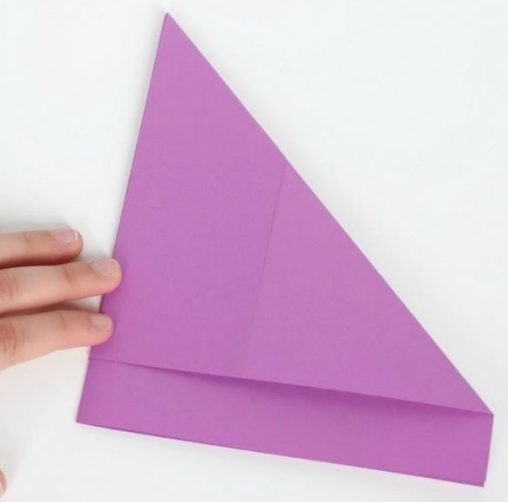
Step 2: Fold the paper in half, valley fold.



Step 3: Fold the top corner down to the right.



Step 4: Fold down the other side to match.



Step 5: Now fold down each wing, about 1 inch up from the bottom.



Step 6: Fold up each wing, about 1.5 inches from the tip. Then add a paperclip to the nose.



Now your airplane is ready to fly!

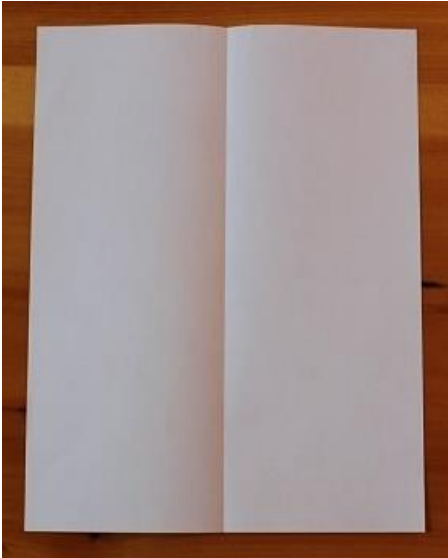


The Bulldog Dart

This paper airplane is a warm-up of sorts. It's simple, requires few folds, and flies well. It's just not going to win you any contests or style points. If it's your kid's first time making a real paper airplane, this is a good place to start.

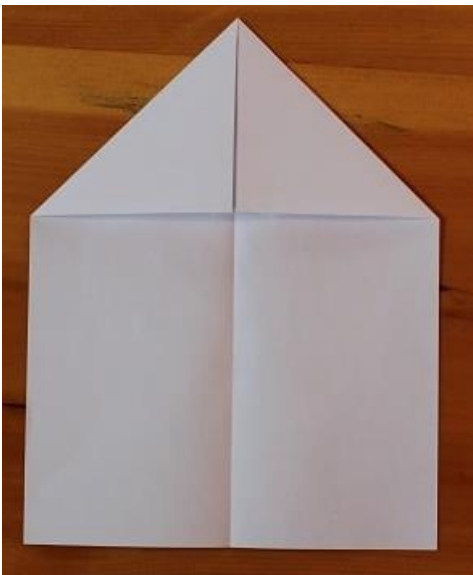
1. First you fold the paper in half lengthwise, and then unfold.

This initial crease is simply a guideline for the next folds.



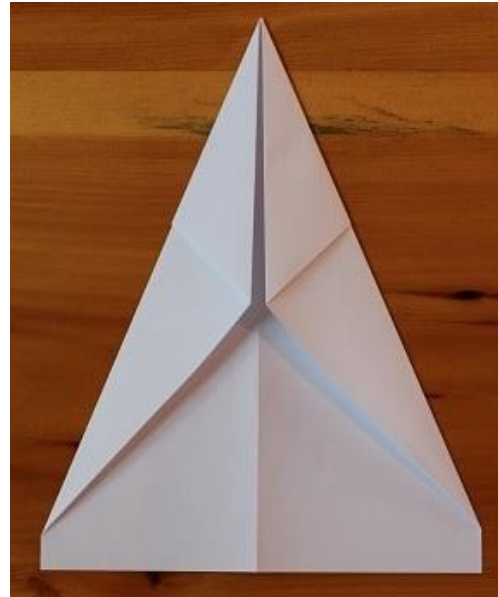
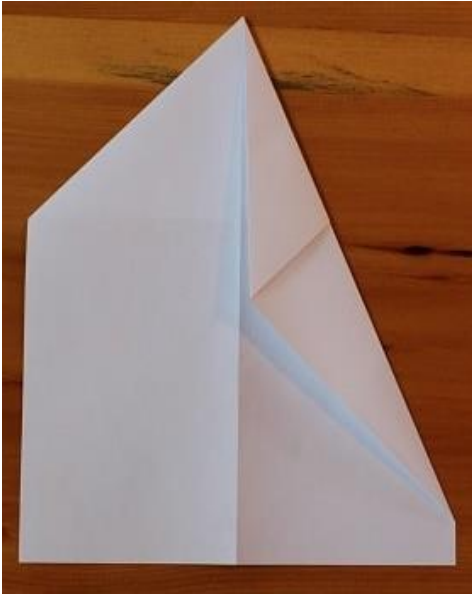
2. Fold the top two corners down so they meet the center crease.

This is the classic way to start a paper airplane, and probably what you first learned as a kid.



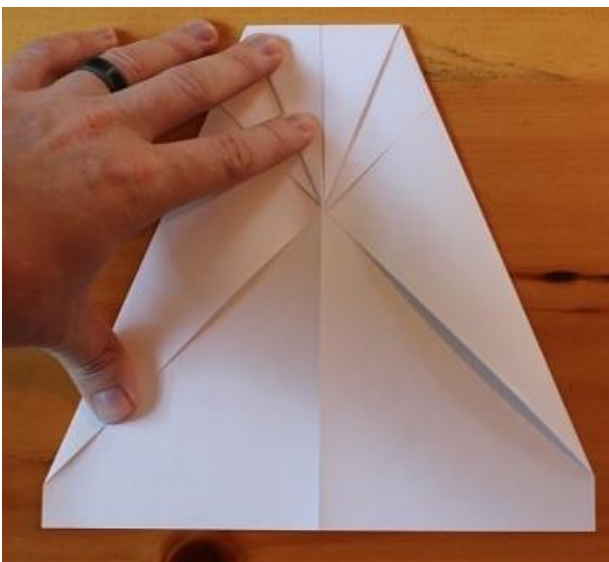
3. Flip the plane over, and fold the corners in again to the center crease.

You want the diagonal line coming off the top of the plane (on the left side) to be lined up with the middle (like on the right side).



After both folds are completed.

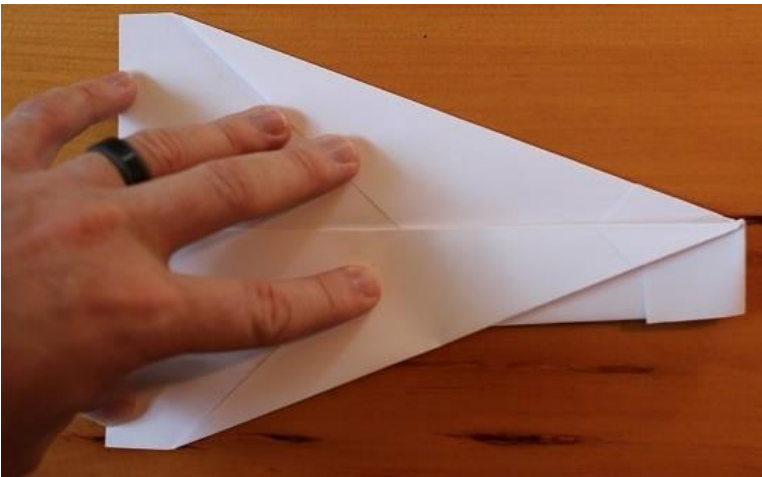
4. Fold the top point down so that the tip meets the bottom of where the previous folds come together.



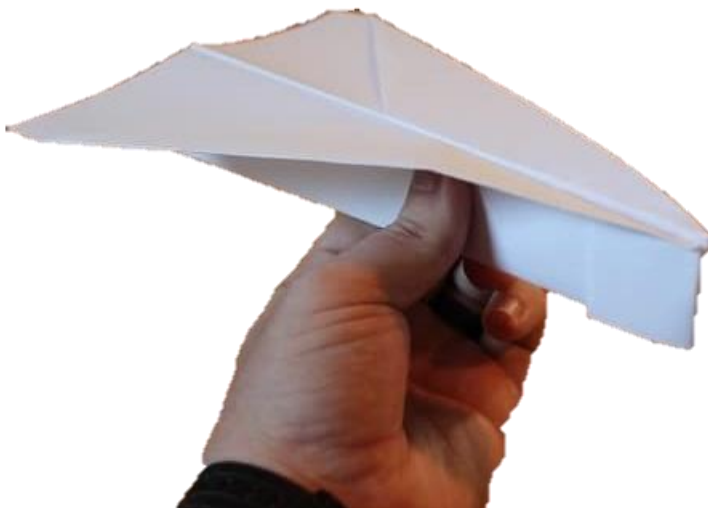
5. Fold the entire plane in half, in on itself. This creates the snub nose, which gives the Bulldog Dart its name.



6. Fold the wings down so that you're making a straight line across from the top of the snub nose. Repeat on the other side.



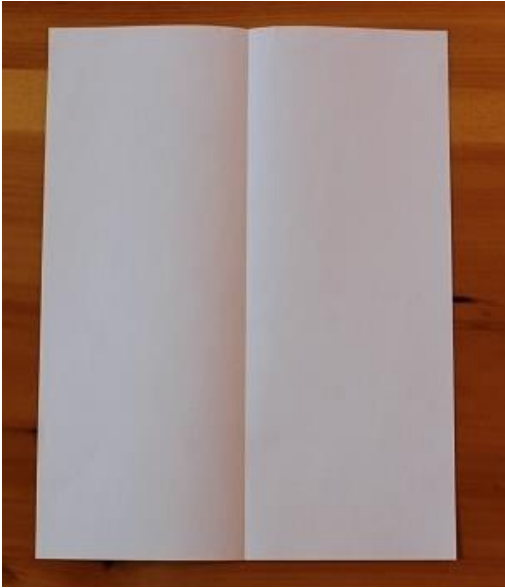
The finished Bulldog Dart. This flies better when thrown at lower speeds. Your tendency is to launch it, but the heavy nose will just fly it into the ground. Give it a softer throw and you'll have better luck.



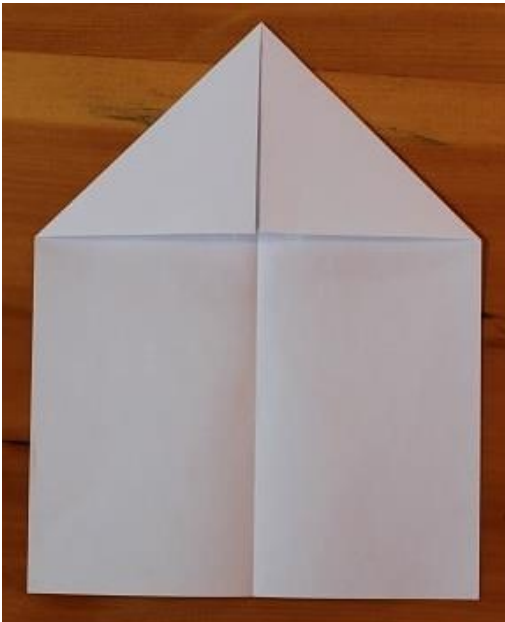
The Harrier

This is a slightly more advanced paper airplane. There are a few more folds, and it flies a bit better than the above Bulldog Dart. This is the perfect middle ground between simple and complex recreational paper aircraft.

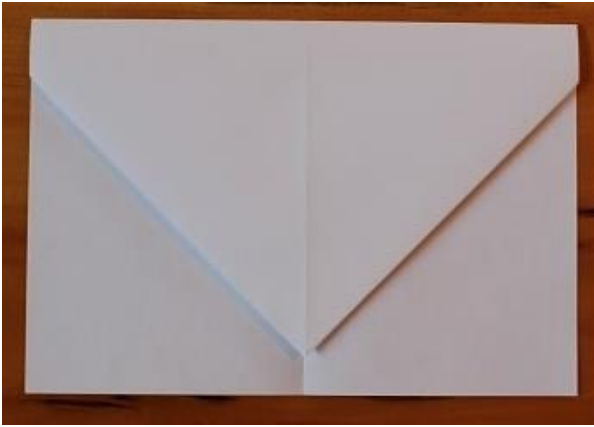
1. Fold in half lengthwise and then unfold. As with the Bulldog above, this center crease is just a guide for future folds.



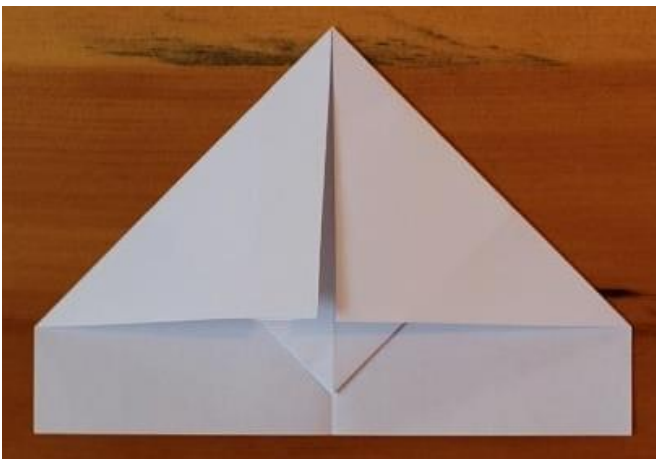
2. Fold the top corners in so they meet at the center crease.



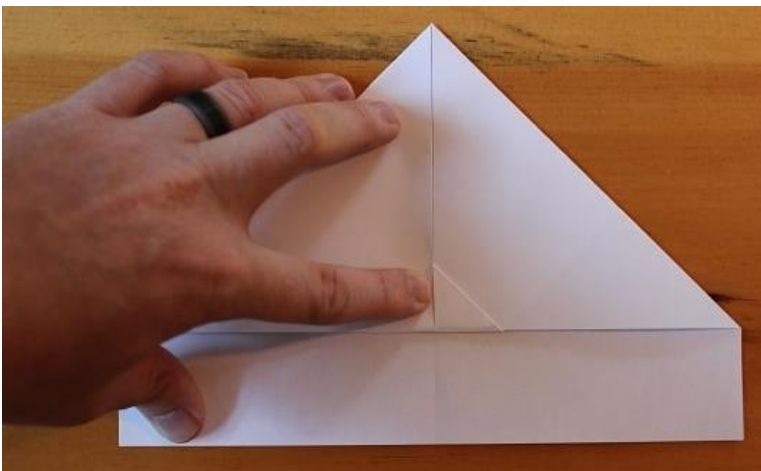
3. Fold the entire top down so that it resembles an envelope. Make sure you leave a half inch or so at the bottom — you don't want the top point to evenly meet the bottom edge.



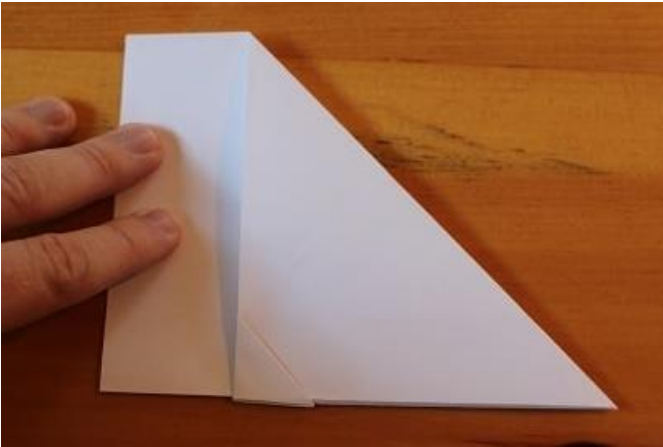
4. Fold the top corners in so they meet at the middle. There should be a small triangle tail hanging out beneath these folds.



5. Fold that small triangle up to hold those previous folds in place.

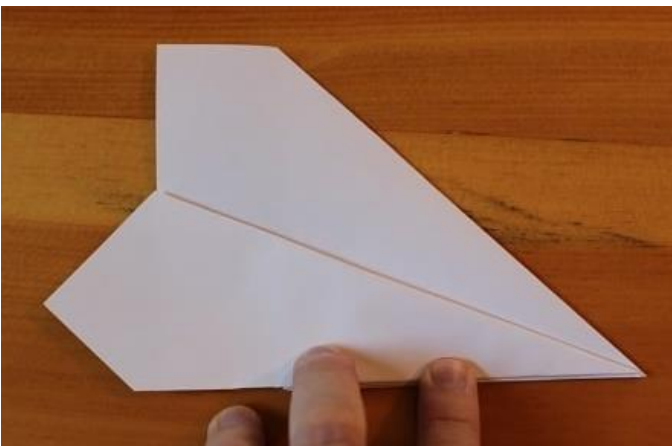


6. Fold in half, but make you sure you fold it outwards on itself, not inwards. You want the previous triangular fold to be visible on the bottom edge.



7. Fold the wing down so its edge meets the bottom edge of the airplane.

Repeat on the other side.



The finished Harrier shown below. It has cool pointed wings and has great stability because of the triangle on the bottom.

