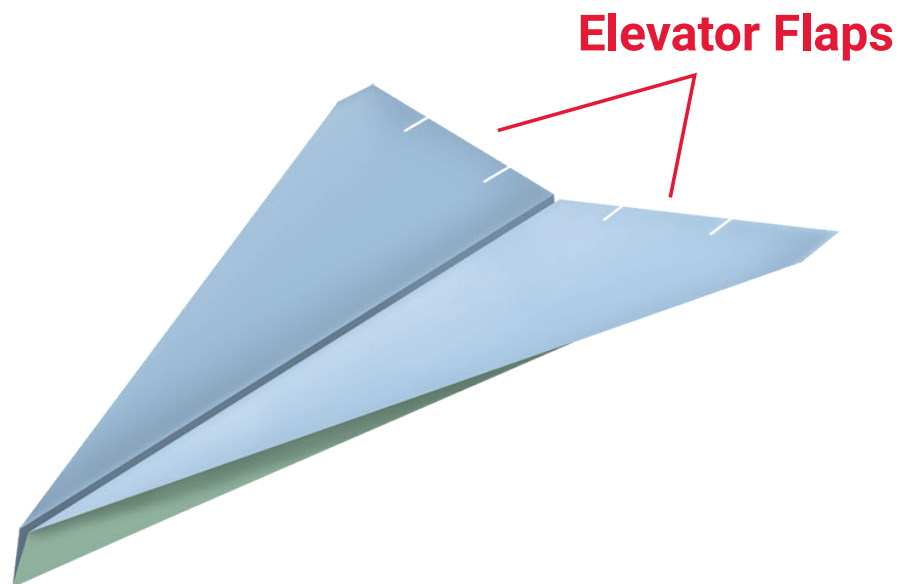


PAPER AIRPLANE COMPARISON

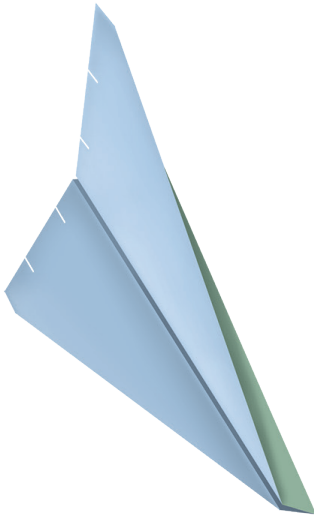
Now it is time to make your own paper airplane. Choose one of the following plane designs or try your own design. See how different wing shapes change how the planes fly. Make careful, crisp folds to help your plane fly farther and faster.

You can also add details like elevators. To make elevators, cut 1-inch flaps on each wing. Fold them up to make the plane rise. Fold them down to make the plane drop. Try folding one elevator up to make the plane turn.

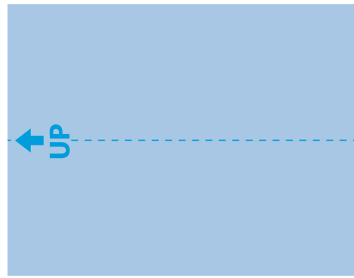


PAPER AIRPLANE COMPARISON

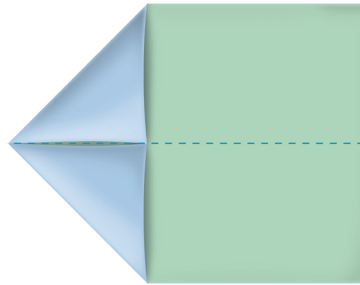
ARROW



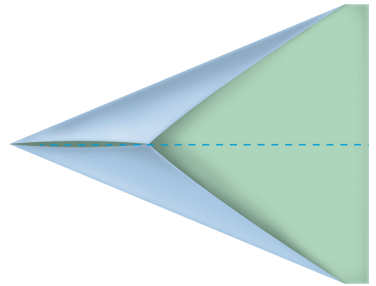
1. Place the paper as you see in the drawing. Fold the paper in half down the center and unfold.



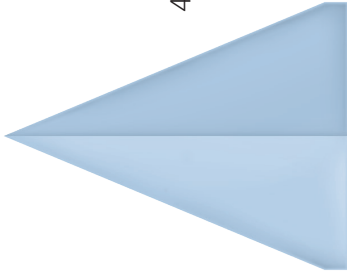
2. Fold down each top corner so the edges line up along the center crease.



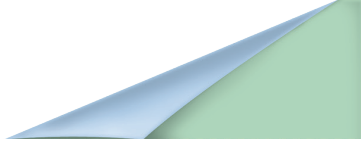
3. Fold each side over again to meet in the center. This will make a sharper point at the top of your plane.



4. Flip the paper over.



5. Fold the plane in half down the center. You should see the folds on the outside.

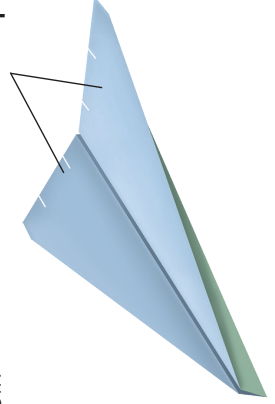


6. Starting 1 inch from the tip, make a crease straight to the back of the plane to create the wing. Repeat on the other side to match. Then lift the wings up so they are flat.

7. You might choose to cut two slits about 1 inch apart on each wing to create elevators. Angle the wings so you see a "V" from the front. This can make the plane more stable. Flip the elevator flaps up to make the plane rise. Flip them down to make the plane drop. Try flipping one elevator up to make the plane turn.

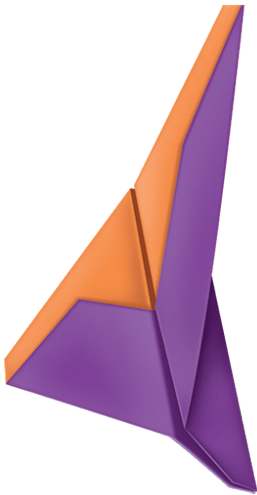
Get ready for takeoff, Wolf!

Elevator Flaps



PAPER AIRPLANE COMPARISON

DELTA



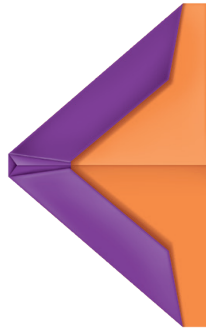
1. Place the paper as you see in the drawing. Fold the paper in half down the center and unfold. Now fold it in half in the other direction and unfold. You should have four boxes from the creases.



2. Fold down the top corners so they meet in the center.



3. Fold the top edge down to the center.



4. Fold each top corner to the center along the crease running from top to bottom.



5. Fold the left side over the right side so the folds are hidden.

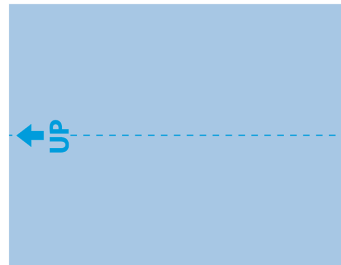
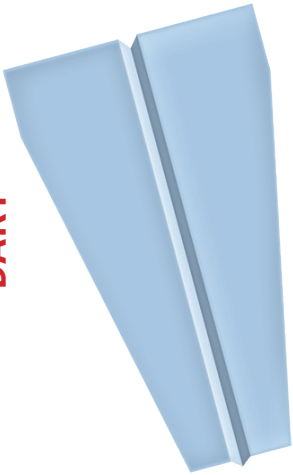


6. About 1 inch from the nose, start to fold down the wings in a straight line to the back of the plane. When both wings have been folded, lift them up to a slight "V" shape.

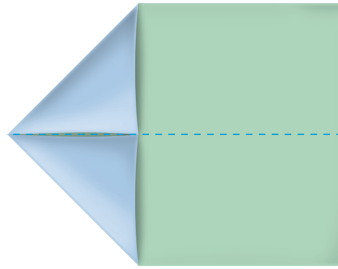


PAPER AIRPLANE COMPARISON

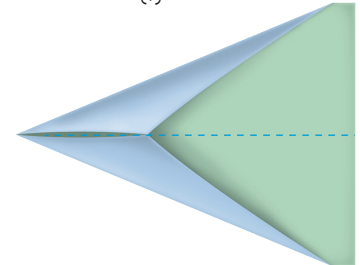
DART



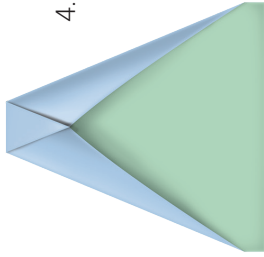
1. Place the paper as you see in the drawing. Fold the paper in half down the center and unfold.



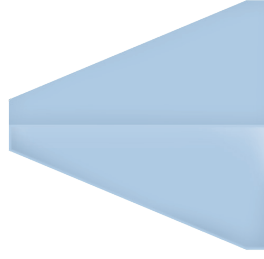
2. Fold down each top corner so the edges line up along the center crease.



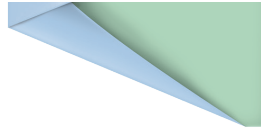
3. Again, fold the outside edges to the center crease. This will create a sharper point at the top.



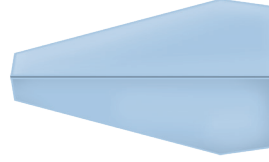
4. Fold down the point to the edge of the folded flaps.



5. Flip over your paper so the flat side is up.



6. Fold the plane in half.



7. On one side, fold the tip in half at a slight angle. Make a crease to the back of the plane to create the wing. Repeat on the other side. You can add elevators if you choose.

You are ready to fly!