

Paper Airplanes

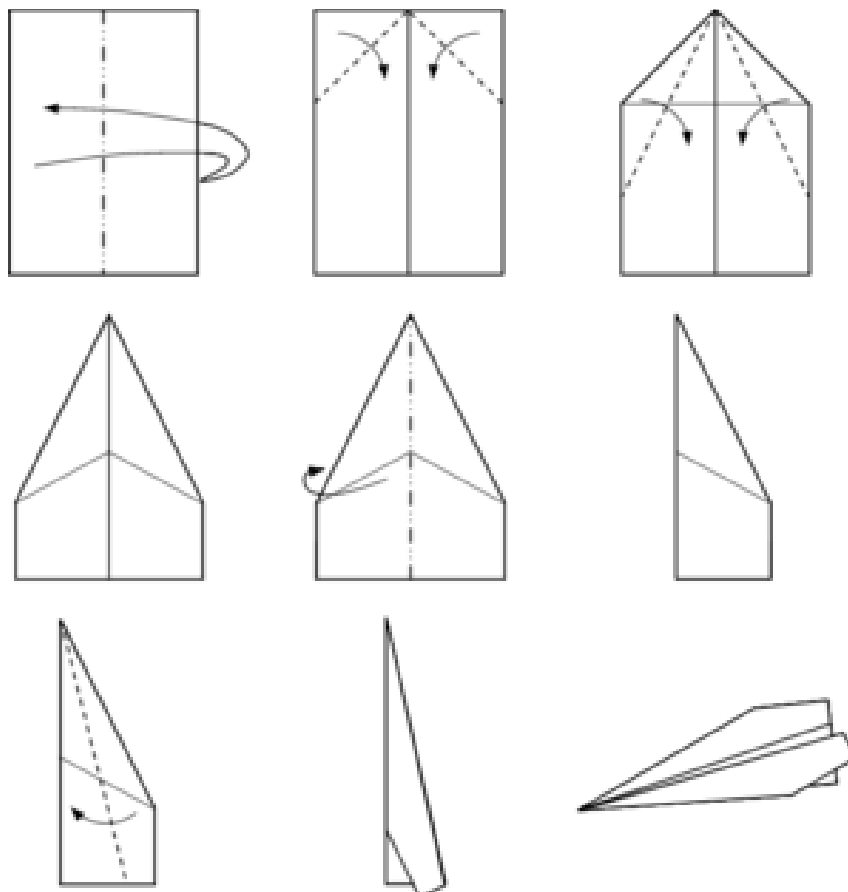


The objective of this simple and fun activity is to explore how weight placement and design shape can affect the flight of something as simple as a paper airplane. We will give you some great tips and examples to experiment with as you construct your paper airplane. Take your time building and have fun flying what you have made!

When you finish designing your plane, experiment with some designs on your own. When you find out what you like, you can make your own unique design to share with everyone!

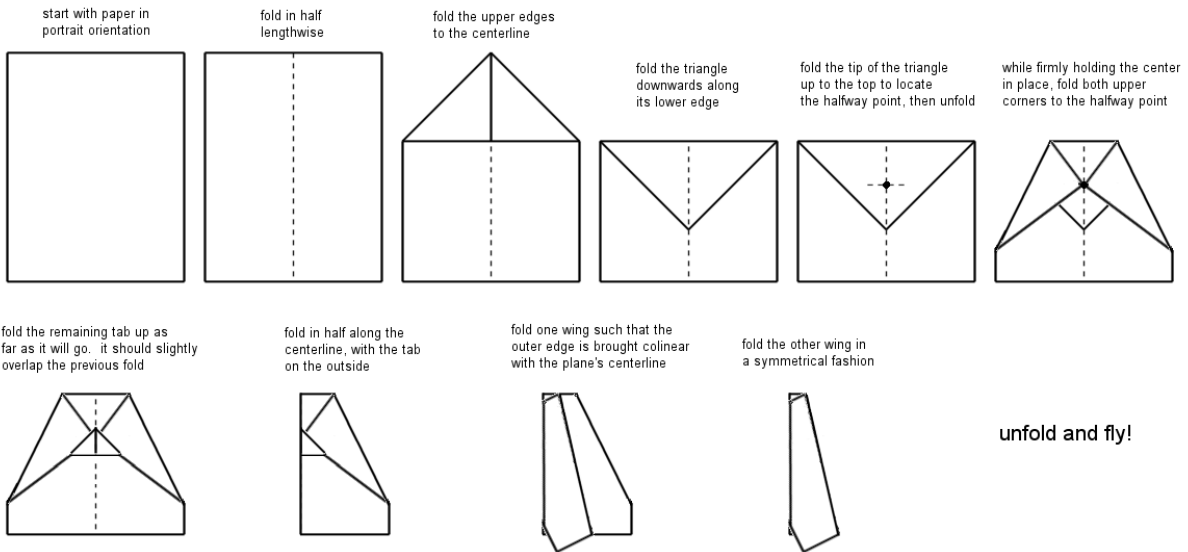
The Classic

For this one, we are going with a classic and easy design where you make seven total folds. Starting with a center line and going from there. Follow the image below to complete your design.

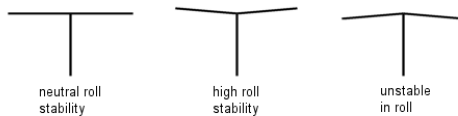


Flat Front Flyer

For this one, we are adding some harder folds but staying simple. Follow the instructions in the image below to complete your design.



tips for flying:



throw the plane, holding it by the tab. throw it directly forward, but give the wings a small upward angle of attack. 5 degrees should be plenty.

if the plane climbs, stalls, and crashes, curl the rear wingtips **downward** slightly.

if the plane nosedives rapidly, curl the rear wingtips **upward** slightly.

The Acrobat

This design is a little harder to follow and complete but super rewarding when finished. Take your time with this one and it should turn out well.

