

The Great Paper Airplane Challenge!

We are going to have a Paper Airplane Contest! We are going to experiment with different designs to see what can make an airplane 1) fly the farthest distance, 2) fly accurately, and 3) stay in the air the longest. To do this, you will need to do some research before making your plane.

First, you need to watch [this video](#) about how real airplanes fly. This is to help you learn about the science involved in getting an airplane off the air.

Next, you will need to watch a few videos on how to make different kinds of airplanes:

[General Airplane Folding](#)

[Long Distance](#)

[Flight Time](#)

[Accuracy](#)

The next step is to begin creating your airplanes. You may refer back to the video OR you may use other resources available either online, in books, or from your experiences of folding airplanes in the past. Remember, there are three different things we will be looking for!

Next, you need to begin testing your planes and collecting data. Pay attention to things such as:

1. Which design seemed to work best in each category?
2. Did throwing the airplane a certain way make a difference?
3. Did the angle you threw the airplane make a difference?
4. Can you modify your plane to make it even better?

When you are done with testing, you need to finalize your design. Make sure you have the best plane available to test!