

Test Your Paper Airplane:



Fly your paper airplanes three times each and record the distance of each flight to the nearest foot as well as the amount of time it stayed in the air. Take your three measurements, add them together, and divide by three to get your average flight distance.

First Plane Design

Flight #	Length in feet	Time in seconds
1		
2		
3		
Average		

Improve the Design :



If you were to design your paper airplane again, what would you change? Why?

~Design a new and improved plane. Label the picture with details about new features.~

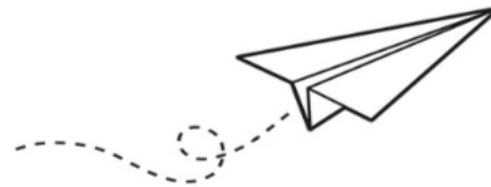
A large rectangular area enclosed by a thick dashed border, intended for a student to draw a new paper airplane design.

Test – Improved Design

Second Plane Design

Flight #	Length in feet	Time in seconds
1		
2		
3		
Average		

Reflect :



Think about your paper airplane design and how far your plane flew.

Did your plane fly like you expected it to? Explain.

What factors affected your plane's flight distance? (design, size of plane, wind, etc.)

Which flight was the best? Why do you think that flight had the greatest distance? What factors affected the flight?

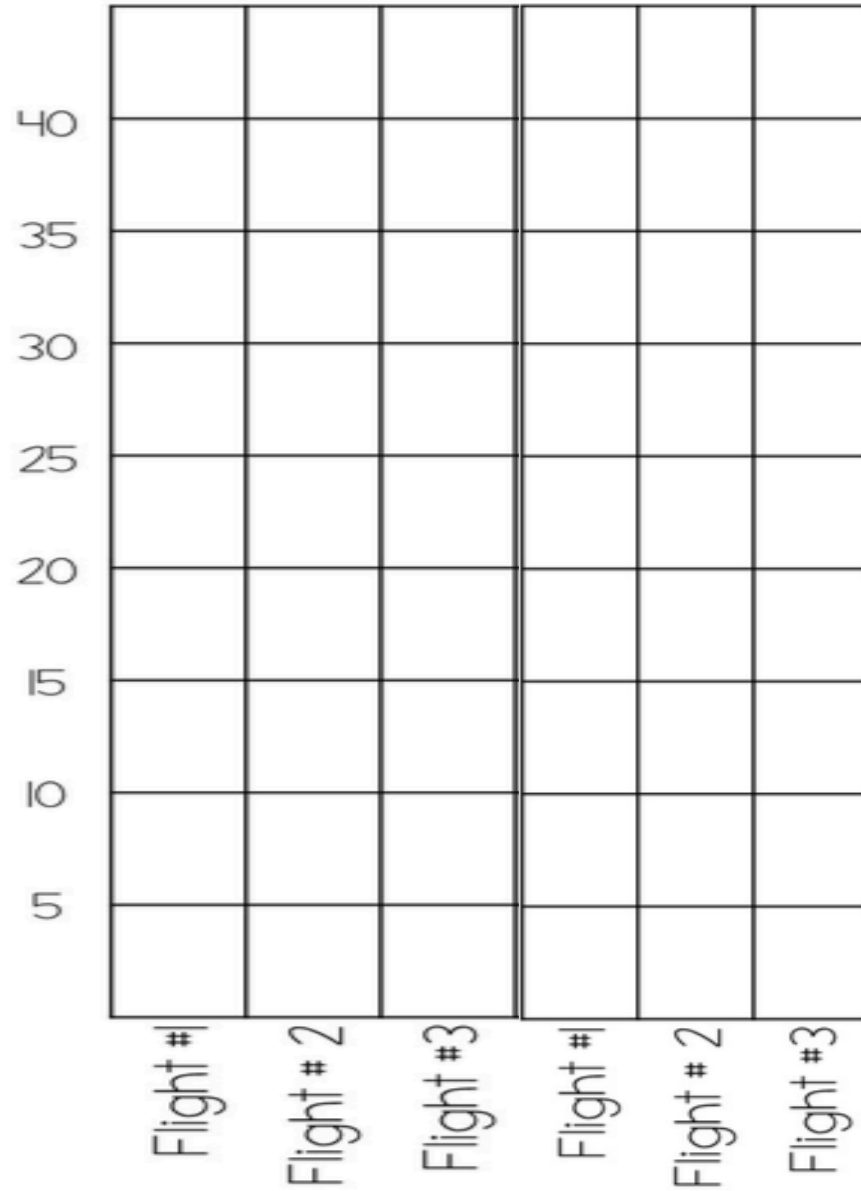
Name

Flying High



Record the distance your airplane flew in feet.

Distance Traveled in Feet



Plane:

Plane: