

Name  
3D Design  
Period 4  
Date

## Paper Plane Design Trials

Plane 1 - Name: Arrow \_\_\_\_\_ URL:  
<http://www.funpaperairplanes.com/>

### Trial 1

Distance - 16 \_\_\_\_\_ Ft.

Flight Path - straight

Observations - I tossed it soft and it went pretty far.

Design Tweaks Applied - 2 paper clips

### Trial 2

Distance - 19 \_\_\_\_\_ Ft.

Flight Path - straight then spiral

Observations - I tossed it kind of hard and it started out straight then went spiral.

Design Tweaks Applied - 1 paper clip

### Trial 3

Distance - 13 \_\_\_\_\_ Ft.

Flight Path - spiral

Observations - I tossed it hard and it went spiral then landed.

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## Paper Plane Design Trials

Plane 2 - Name: Delta URL:  
<http://www.funpaperairplanes.com/>

### **Trial 1**

Distance - 19 Ft.

Flight Path - straight then curved

Observations - It went pretty far if I tossed it lightly.

Design Tweaks Applied - added 2 paper clips

### **Trial 2**

Distance - 12 Ft.

Flight Path - curved

Observations - the weight made it not go as far.

Design Tweaks Applied - added 1 paper clip

### **Trial 3**

Distance - 13 Ft.

Flight Path - straight then curved

Observations - the weight still made it not go as far but it still went farther than when it had a lot of weight.

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## Paper Plane Design Trials

Plane 3 - Name: Condor URL:  
<http://www.funpaperairplanes.com/>

### **Trial 1**

Distance - 16 Ft.

Flight Path - curvy

Observations - I tossed it lightly and it flew pretty curvy.

Design Tweaks Applied - added one paper clip

### **Trial 2**

Distance - 12 Ft.

Flight Path - straighter

Observations - when I added a little more weight it flew straighter but it went not as far.

Design Tweaks Applied - I added 2 paper clips

### **Trial 3**

Distance - 17 Ft.

Flight Path - curvy

Observations - With more weight it went more curvy but it went farther.

Which plane do you recommend and why?

I recommend the delta because it went farther than any of my other trials. It went 19 feet. It also went mostly straight.