

Name_____

Date_____

Per._____

Paper Plane Design Trials - Day 1

Directions: Go to plane websites on links provided. Make a plane. You will fly your plane 3 times, and recording what you observe. After each flight, make changes (bend wings, add weight, add tape, etc.) to the plane or how you fly it (throw softer or harder, hold differently) and see if it makes a difference in performance.

Plane 1 – Name:_____ URL:

Trial 1

Picture or Video of flight:

Flight Path (direction - twirled, dove, loop –de-loop) –

Observations (When I ... it...) –

Design Tweaks Applied (What are you going to change before the next flight?)–

Trial 2

Picture or Video of flight:

Flight Path (direction - twirled, dove, loop –de-loop) –

Observations (When I ... it...) –

Design Tweaks Applied –

Trial 3

Picture or Video of flight:

Flight Path –

Observations –

Name_____

Date_____

Per._____

Paper Plane Design Trials - Day 2

Directions: Go to plane websites on links provided. Make a different plane. You will fly your plane 3 times, and recording what you observe. After each flight, make changes (bend wings, add weight, add tape, etc.) to the plane or how you fly it (throw softer or harder, hold differently) and see if it makes a difference in performance.

Plane 1 - Name:_____ URL:

Trial 1

Picture or Video of flight:

Flight Path (direction - twirled, dove, loop -de-loop) -

Observations (When I ... it...) -

Design Tweaks Applied (What are you going to change before the next flight?)-

Trial 2

Picture or Video of flight:

Flight Path (direction - twirled, dove, loop -de-loop) -

Observations (When I ... it...) -

Design Tweaks Applied -

Trial 3

Picture or Video of flight:

Flight Path -

Observations -

Name_____

Date_____

Per._____

Paper Plane Design Trials - Day 3

Directions: Go to plane websites on links provided. Make a new plane. You will fly your plane 3 times, and recording what you observe. After each flight, make changes to the plane or how you fly it and see if it makes a difference in performance.

Plane 1 – Name:_____ URL:

Trial 1

Picture or Video of flight:

Flight Path (direction - twirled, dove, loop –de-loop) –

Observations (When I ... it...) –

Design Tweaks Applied (What are you going to change before the next flight?)–

Trial 2

Picture or Video of flight:

Flight Path (direction - twirled, dove, loop –de-loop) –

Observations (When I ... it...) –

Design Tweaks Applied –

Trial 3

Picture or Video of flight:

Flight Path –

Observations –

Which plane do you recommend and why?

Name_____

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