

Paper Airplane Designs

Printable folding instructions for 5 planes

boredomwizard.com/paper-airplane-designs

1

Classic Dart

Distance & speed · Easy

2

Blunt-Nose Dart

Indoor-safe distance · Easy

3

Nakamura Lock

Long, stable glides · Easy-medium

4

Hoop Glider

No folding · Super easy

5

Ring Wing

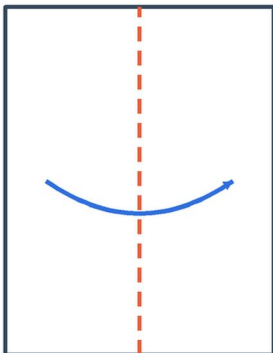
Round glider · Easy

Classic Dart: Step by Step

Easy · 5 folds · best for distance and speed · US Letter or A4

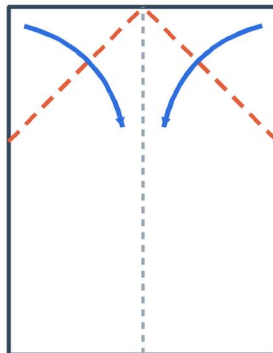
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1



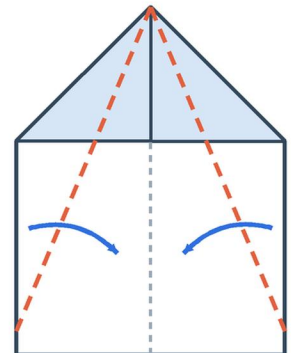
Fold the paper in half the long way. Crease hard, then unfold.

2



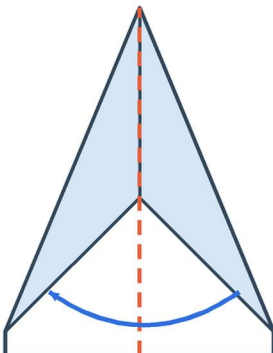
Fold both top corners in so their edges meet the center crease.

3



Fold the new slanted edges to the center again. The nose gets sharp.

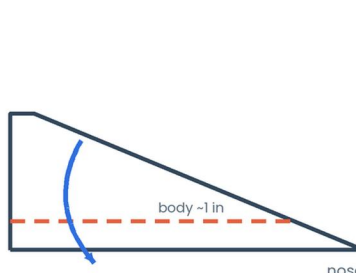
4



fold in half, flaps on the outside

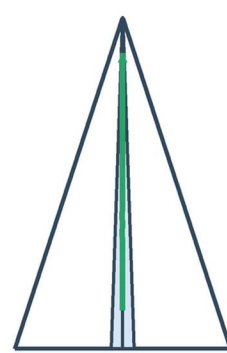
Fold the plane in half along the center, flaps on the outside.

5



Fold each wing down so it lines up with the bottom of the body.

6



Open the wings flat, level with each other. Throw hard and straight.

--- fold here

→ fold direction

□ folded layer

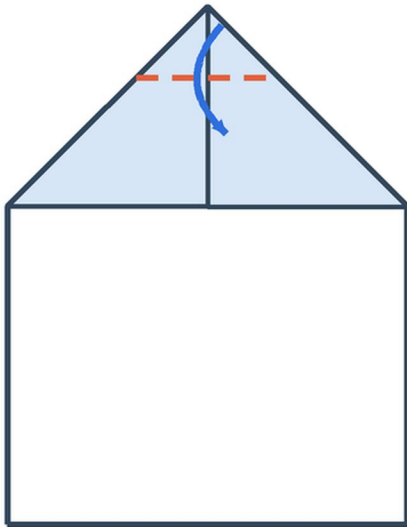
--- crease

Blunt-Nose Dart: The Extra Fold

Easy · 6 folds · indoor-friendly distance plane

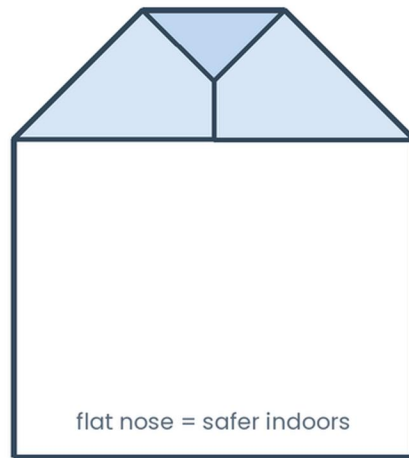
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1



Do steps 1–2 of the Classic Dart, then fold the tip down about 1.5 in.

2



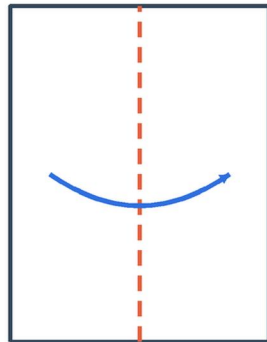
Now finish steps 3–6 of the Dart. The flat nose is tougher and safer.

Nakamura Lock: Step by Step

Easy-medium · 8 folds · best for long, stable glides

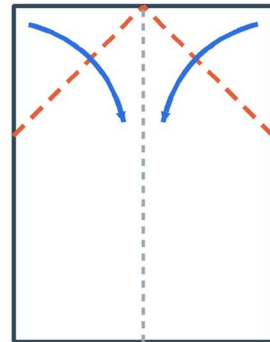
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1



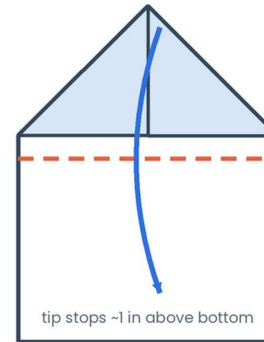
Fold the paper in half the long way. Crease, then unfold.

2



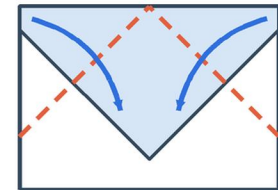
Fold both top corners in to the center crease.

3



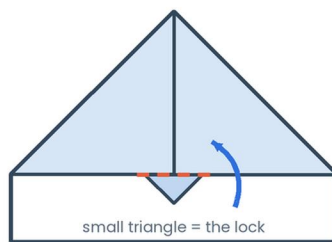
Fold the whole top point down. Leave about 1 in at the bottom.

4



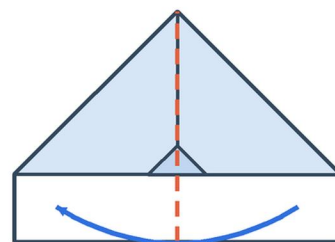
Fold the new top corners to the center. A small tip should stick out below.

5



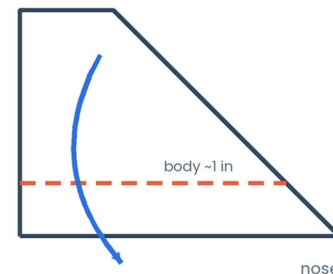
Fold that small triangle up over the flaps. This locks them in place.

6



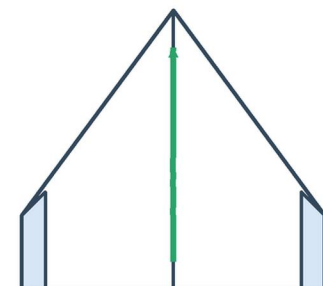
Fold the plane in half away from you, so the lock stays outside.

7



Fold each wing down, leaving about 1 in for the body.

8



Bend the wingtips up a little. Throw gently and level for a long glide.

--- fold here

→ fold direction

■ folded layer

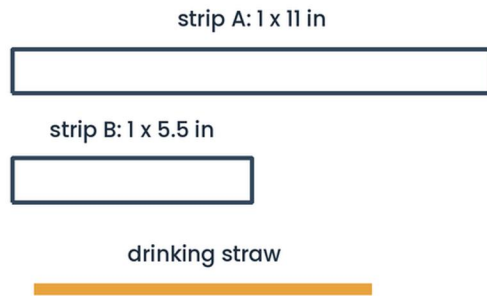
----- crease

Hoop Glider: Step by Step

Super easy · no folding · glides farther than most folded planes

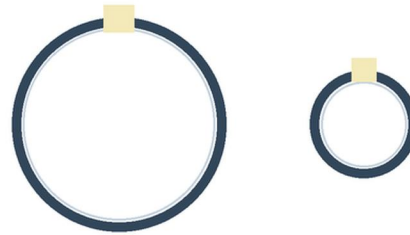
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1



Cut two strips from a sheet: one 1 x 11 in and one 1 x 5.5 in.

2



overlap ends 1/2 in, tape

Curl each strip into a hoop, overlap the ends and tape them.

3



Tape the hoops to the straw ends, lined up. Throw small hoop first.

--- fold here



fold direction



folded layer

----- crease

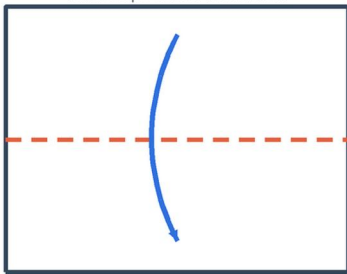
Ring Wing Glider: Step by Step

Easy · 4 folds + tape · the round plane that really flies

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1

landscape sheet: fold in half



Turn a sheet sideways and fold it in half, top edge to bottom.

2

fold bottom edge up 3-4 times



Fold the folded edge up in narrow bands, 3-4 times, to make it heavy.

3

thick band inside
tape the seam



Curl it into a ring with the thick band inside. Tape the seam.

4



throw thick edge first,
like a dart, not a frisbee

Hold it like a dart and throw with a gentle flick, thick edge forward.

--- fold here

 fold direction

 folded layer

----- crease