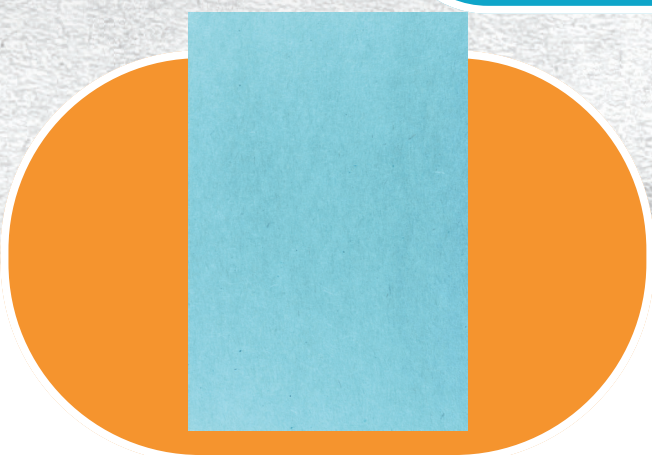# HOW TO MAKE A GLIDER PAPER AIRPLANE

Materials Needed

- 1 sheet of standard letter-size paper (8.5 x 11 inches)
- A flat surface for folding

Step-by-Step Instructions

Start with a Rectangle

Use a standard sheet of paper. Lay it flat on the table.

Fold in Half Lengthwise

Fold the paper in half lengthwise (hotdog style) and crease it well. Then unfold it to create a centerline.

Create the Nose

Fold the top two corners down to meet the centerline, forming a triangle at the top.
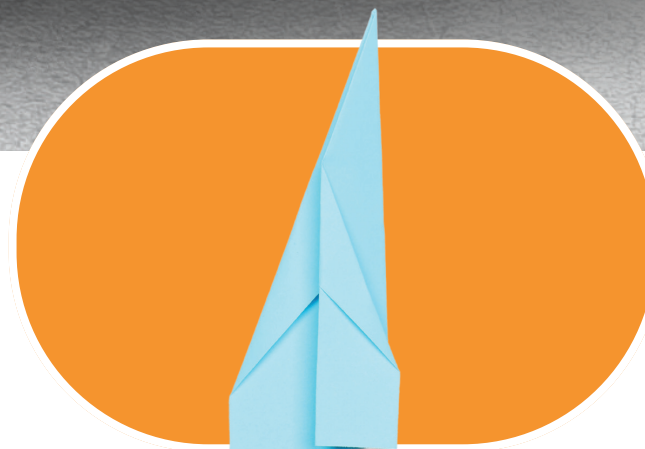
Double Fold the Nose

Fold the newly created edges down again to meet the centerline, making the nose sharper.
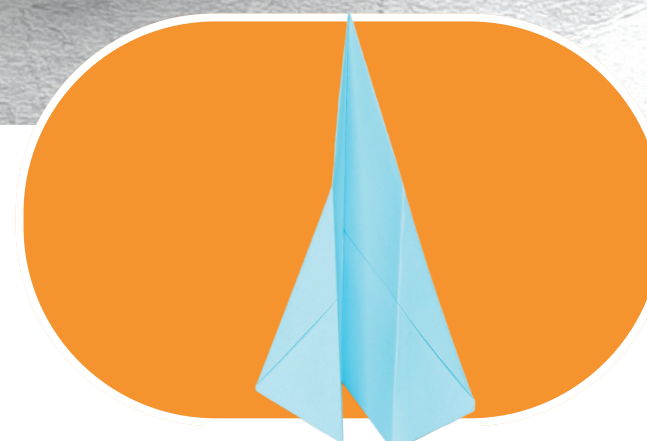
Form the Wings

Fold the paper in half along the original centerline, keeping the nose on the outside.

Shape the Wings

Fold each side of the paper down to create wings. The wings should be symmetrical and about 1 inch from the bottom edge of the plane.

Adjust for Stability

Slightly bend the back edges of the wings upward to improve gliding.

PRO TIPS FOR BETTER GLIDING

- Use Lightweight Paper: Heavier paper may not glide as well.
- Symmetry is Key: Ensure all folds are even for balanced flight.
- Experiment with Angles: Adjust the wing angles to see how it affects the glide.
- Throw Gently: A soft, level throw works best for gliders.