



04737 Fuller Road, East Jordan, MI 49727  
(231) 536-3369 | [www.miravenhill.org](http://www.miravenhill.org)  
[info@miravenhill.org](mailto:info@miravenhill.org)

*Raven Hill Discovery Center is a 501(c)(3) tax-exempt corporation.*

**Mission:** Raven Hill provides a place that enhances hands-on and lifelong learning for all ages by connecting science, history & the arts.

## Paper airplanes

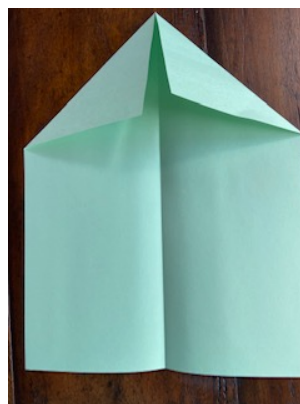
Paper airplanes are always fun. You will need a piece of copy paper and some tape. This is an award-winning design. Fold the paper in half “hot dog” or lengthwise. Open the paper up and fold two top corners to the center fold line. Fold the angled edges to the center fold again and then a third time. Refold the center fold in the opposite direction to form the top and bottom of your plane. Place a piece of tape across the top of the wings to hold them in place and a piece of tape underneath to keep the body of the plane together. Test your plane outside, if possible, so you don’t hit something or someone inside. Try hard and gentle launches. Which work best? Retape the wings with a small space in between. Does that make a difference? What happens if you use heavier paper? Measure the distance your plane flies. Fly it for accuracy: can you make it land a certain place, like in a hula hoop or on the picnic table?



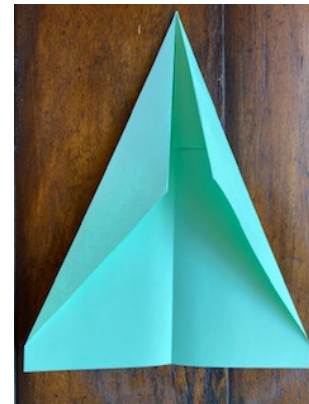
1 Supplies



2. Fold in half lengthwise



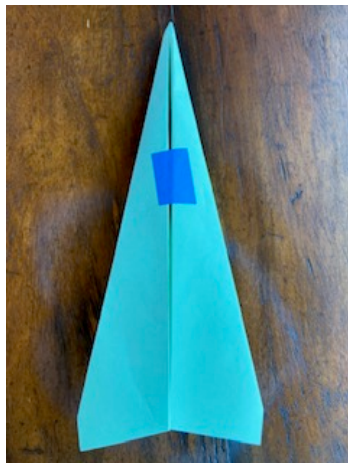
3 Fold top two corners to center



4 Fold to center again



5 Fold to center a third time



6 Refold center fold & tape wings



7 Tape bottom of plane or “body” to hold together & fly