



The Paper Airplane Guy

Visually Stunning and Entertaining

John Collins is the Paper Airplane Guy. He is a keynote speaker with more than 30 years of experience, as well as an author, and a world record holder for paper airplane distance, with the goal of engaging the audience and presenting great information. Students will explore science using the fun and wonder of paper airplanes.

Demonstrates a Wide Variety of Aerodynamic Principals

Lift, Drag, Gravity, Wing Loading, Control Surfaces, Dihedral Angle, Theories of Lift, Stalls, Slope Soaring, Canard Design, Scale Effects, Glide Ratio, Sink Rate, and the crazy cool secret of the world record paper airplane.

Everyone folds their own plane at the end!

It's real aerodynamics instruction, teaching the physics of flight, demonstrated and explained using paper airplanes. It's fun and the materials are inexpensive and readily available in most schools, because it's only paper. The interactive school assembly includes 30 minutes of live and engaging instructional demonstrations, followed by 15 minutes of hands-on paper airplane making. Planes will streak across the room, glide gently, tumble, flap their wings, circle back, flip over, fly upside down, and spin for what seems like forever. Though forever may vary! Older students most enjoy the chance to learn how to fold the world-record airplane.

Best for grades 4 and older. There is a version of the assembly available for K-3 that is appropriate for their level of developmental dexterity and fine motor skills.



Audience: K-12 **Capacity:** 400

Presentation Time: 50 minutes **Set-Up Time:** 1 hour

Take-Down Time: 45 minutes

Presentation Area: Gym or auditorium. Large space is best!

Arrival: Please provide assistance with the microphone, sound equipment, screen and projector.

Assembly Requirements: Microphone, speakers, and an auxiliary cable. Projector and Screen. (if you don't have these, please let us know in advance)

Please break up two or more assemblies by grade level: K-3, 4-6, etc.