



Girls LAUNCH provide girls and women of all ages with interactive experiences and intimate conversations with female aerospace professionals to boost interest in the unlimited opportunities in aerospace at a young age. This STEMbook activity, resources, and more are available at [www.obap.org/girls-launch](http://www.obap.org/girls-launch).

**In this activity, you will:** Design and create your own paper airplane, while learning of the four forces of flight.

### Supplies Required:

All Students

Multiple sheets of loose leaf paper  
Access to Youtube.com

### Video

How to make a paper plane, with science! <https://youtu.be/AGzOOM0Pz98>

### Overview

A number of interesting factors affect the flight of a paper airplane, including wind resistance. Find out what factors affect the flight of a paper airplane.

### Instructions

1. Go to the 'How to make a paper plane, with science!' video on you tube.
2. Start watching the video at 3:14.
3. Build your paper airplane like in the video or change it up a bit.
4. Which design characteristics made your airplanes fly the best?

### Additional Resources

- 1 What factors affect the flight of a paper airplane? <https://youtu.be/QoTbgSSTB3E>



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