



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.

In this activity, you will: Learn where your blind spot is located

Supplies Required:



All Students

- A 3x5 card
- A marker (pen, pencil, or crayon works too)
- Your eye

Video

The blind spot experiment explained: <https://www.youtube.com/watch?v=QXzgokis33l>

Overview

The human eye is one of the most complex and sophisticated organs in the body. Its unique automatic focusing system outstrips that of any camera, and its light sensitivity is ten million times greater than the best film designed so far! But did you also know it has a blind spot?

When trying to avoid other aircraft in the sky, pilots are aware that sometimes the aircraft that they are looking for can slip into their blind spot. To combat this, pilots are told to slowly move their heads along with their eyes and scan in sections to pick up other aircraft their flight path.

Instructions

1. Draw an 'X' on one side of the right side of the 3x5 card
2. Now draw a dot on the left
3. Hold the 3x5 card in front of your face at arm's length, at eye level.
4. Close your right eye and with your left eye, look at the 'X'.
5. Slowly move the piece of paper closer to your face. At one point, the dot will disappear and then reappear.
6. You just found your blind spot.

Additional Resources

1 nysci.org



www.obap.org