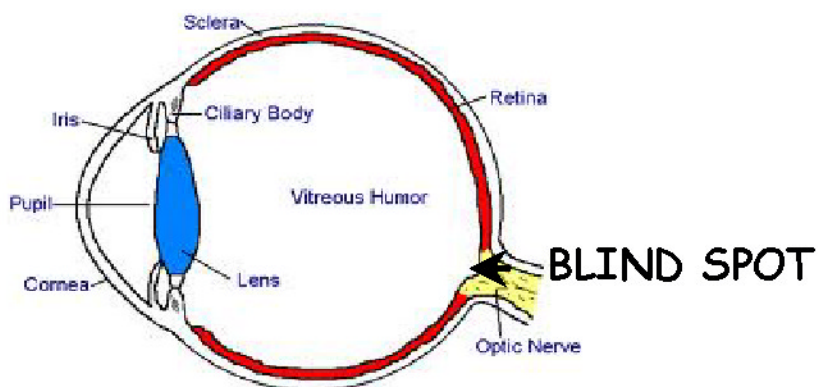




## Dr. OPTICAL'S APRIL Activity Page

Dr. Optical and Miss Illusion love to perform experiments about their eyes. They had heard about the blind spot and wondered what it was. They performed the experiment below to learn more about this fascinating part of human sight.

The blind spot is located at the back of the eye where the optic nerve leaves the eye on its way to the brain. When we look at something, the image we see passes through the lens and is recorded on the retina. Light receptors in the retina allow us to see the image. However, there are no receptors in the blind spot. Therefore no image will be seen.



You can find your blind spot by looking at the image below or drawing it on a piece of paper. Make a small dot on the left side separated by 6-8 inches from a small X on the right side. Hold the image about 20 inches from the paper (or hold your head about 20 inches from the computer monitor). Close your right eye and look at the X with your left eye. Slowly move the paper (or move your head) closer while looking at the X. At a certain distance, the dot will disappear from sight--this is the blind spot of your retina. Then try this with your left eye closed while looking at the X with your right eye. Your blind spot will appear again.

