


Blind Spot

1. Hold the Blind Spot (side 1) test card out in front of your face (about 12" in front of your face). Make sure you're looking at the 3a side of the card and that the cross is on the right side.
2. Close/cover your right eye and look directly at the cross on the test card with your left eye.
3. Slowly move the test card towards your face the paper with your left eye.
4. Take notice of what happens to the black dot as you do this, but **keep looking directly at the cross**.
 - a. What happened to the black dot?
 - b. As you keep moving the paper towards you, what do you observe?
5. Once you have found your left eye's blind spot, repeat the activity for your right eye. Cover your left eye and hold the paper so the cross is now on the left hand side.
6. Turn the card over so you see a different version of this test (has a line through the shapes (3b)). 
7. Repeat the above procedures & record your results.
 - a. What did you notice about the line?

Depth Perception

1. Hold a sharpened pencil in each hand but arrange them so the tips are facing each other. Close one eye tightly.
2. **Fully extend** your arms out to each side (keep your elbows locked). Make sure the pencils far away from each other and that the pencil tips are facing each other.
3. Try to bring the pencil tips together **CAREFULLY** to try and make both tips touch. Be careful not to stab your hand with the pencil.
4. If you miss, separate them (to starting position, step 2) and try again. Record your observations on the student page.
5. Repeat this test with the other eye closed and again with both eyes open.
 - a. What did you notice about how easy or hard it was to touch the pencil tips together under the different circumstances (using only one eye vs. both eyes)?

Seeing in 3D – paper tube

1. Keeping both eyes open, hold the paper tube in front of one eye (like a telescope).
 - a. If you have glasses, gently remove them for this activity, or allow them to rest on the top of the tube.
2. Hold your other hand open (palm facing your face) about four inches away from your face.
3. Look straight ahead with BOTH eyes.
4. Bring the open hand toward the paper tube until they are in contact.
 - a. What did you observe?

After Images

1. Obtain the “after images” card (it looks like a bullseye/target) and stopwatch.
2. Hold the “after images” card about 12 inches away from your face.
3. Stare at the dot in the circle for at least 25 seconds. Try not to blink!
4. Now, stare at a blank sheet of paper/white wall and blink quickly a few times.
5. What happened? What did you see while you were blinking?

Dominant Eye

1. Pick an object in the distance (across the room).
Keep both eyes open and cover the object with your thumb.
2. Now, keeping your thumb over the object close one eye.
 - a. Did the object remain covered? If so, you were viewing it with your dominant eye.
 - b. Did your thumb appear to “jump to the side”? If so, you were viewing it with your non-dominant eye.
3. Record your results in the table on the student page.