

LAB 1

Color Blind

Directions

1. Go to <http://www.color-blindness.com/types-of-color-blindness/>

Record the definitions for the bold terms (types of color deficiencies)

1. Go to the top of the page and go to color blindness tests. Try the color arrangement test. Record your results
2. Go to the the Color Tool sand select the CVD Simulator. Describe the difference between the views of crayons.

LAB 2

Test your Hearing

Directions Part 1

1. Be sure your sound is up on your computer or that you have headphones available
2. Go to <http://www.freemosquitoringtones.org/>
3. Record your answers on your sheet
4. Answer the questions

Directions: Part 2

1. One partner will close eyes-be honest
2. Chose an X to stand on and call your partner's name
3. Have your partner tell you how far they think you are away (5 ft, 10 ft, 15 ft, etc)
4. Repeat steps 1-3 3 times
5. Then have your partner cover one ear and repeat the experiment
6. Record your results
7. What was harder, one ear or two? Why? (use your knowledge from the unit to help you

LAB 3

Stroop Effect

Directions

1. Go to

<http://faculty.washington.edu/chudler/words.html#seffect>

2. Record your times

3. Read why this happens and define the theories on your lab report!

LAB 4

Smell

Directions:

You are smell detectives. I have mixed in drops of lavender with water in each of the container. You are to try to place them in order from least to most drops (or weakest to strongest smelling).

Record your results and look on the Answers page to see you how did.

LAB 5

Blindspot

Directions: Part 1

1. Go to

<http://serendip.brynmawr.edu/bb/blindspot1.html>

2. Do the example on the page and try to find your blind spot. If it is not working, zoom your picture in to isolate the + and . on the page
3. Try another example by going to the bottom of the page and clicking on more blind spots to see if color helps or hurts and what happens when a line is added

Directions: Part 2

1. Go to

<http://www.mediacollege.com/3d/depth-perception/test.html>

2. Record your results

3. Click on the link for stereo blindness below the activity to define the term

LAB 6

Optical Illusions

Directions

1. Go to

<http://www.scientificpsychic.com/graphics/index.html>

2. Read the instructions at the top of the page

The components of an object can distort the perception of the complete object. Our mind is the final arbiter of truth. Most optical illusions are the result of **1) incongruent design elements at opposite ends of parallel lines, 2) influence of background patterns on the overall design, 3) adjustment of our perception at the boundaries of areas of high contrast, 4) afterimages resulting from eye movements or from kinetic displays, or 5) inability to interpret the spatial structure of an object from the context provided by the picture.**

Use these to help you complete your chart on your lab report

DO NOT use the color tests since you will do those in another lab

LAB 9

Touch

Directions: Part 1

1. Have your partner, identify 5 items from your backpack that you pick secretly-while their eyes are closed
2. One partner should keep their eyes closed and try to identify objects touched to various parts of their body such as cheek, elbow, back of hand, etc (keep all clothing ON and be appropriate!)
3. Record your accuracy and then switch partners

Directions: Part 2

With a ballpoint pen (or washable marker), touch a location on the skin of your closed eye partner(your subject). A small pen mark should be left behind. While your subject still has eyes closed, give the person a pen of a different color and ask him to touch the point that was just touched by you. Measure the distance from this guessed point to the actual point that was touched.

LAB 10

Perceptual Practice

Directions: Part 1

1. Go to

<http://psych.hanover.edu/krantz/motionparallax/motionparallax.html>

2. Estimate the distance from the edge of the page to the trees when the picture is still and when it is moving.

Directions: Part 2

1. Go to <http://www.michaelbach.de/ot/sze-muelue/index.html>
2. Record how you do on your lab sheet.

Directions: Part 3

1. Go to http://www.michaelbach.de/ot/sze_shepardTables/index.html
2. Answer questions 1 & 2
3. Run the video
4. Answer question 3

Directions: Part 4

1. Go to

<http://graphicdesign.spokanefalls.edu/tutorials/process/gestaltprinciples/gestaltprinc.htm>

2. Complete the chart in your lab report