 **Senses Computer Lab Activity**

[**http://tinyurl.com/axzb7wv**](http://tinyurl.com/axzb7wv)

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Part 2:**

**Virtual Cow Eye Dissection:** *Watch the online dissection in preparation for the upcoming dissection. If you have earbuds, please use them so you can better hear. Put a check in the box once you’ve viewed the dissection.*

**Three Myths About the Human Brain:**

List the 3 myths and write a brief sentence about each myth.

Myth 1:

Myth 2:

Myth 3:

**Make Your Eyes Stronger:**

What are 3 things you can do to avoid visual impairment?

|  |  |  |
| --- | --- | --- |
| 1. | 2. | 3. |

What are 3 exercises you can do?

|  |  |  |
| --- | --- | --- |
| 1. | 2. | 3. |

**Diseases & Abnormalities**

Write a brief summary for each of the following

|  |
| --- |
| Cataracts |
| Glaucoma |
| Strabismus (Lazy Eye) |
| Retinal Detachment |
| Floaters |
| Conjunctivitis |
| Watch the vision video clips. Write a brief description of each in the box below. Then, use the next link to draw the following diagrams: |
| Normal Vision | Farsighted Vision | Nearsighted Vision | Astigmatism |

**Briefly describe the following methods of vision correction:**

|  |  |  |
| --- | --- | --- |
| **Lasik** | **PRK** | **CK** |

**Games:**

Do the blind spot test.

Look at the Stereograms. I know, I can never see anything either…

Look at the Optical Illusions. Stroll down and check them all out.

**Reaction Time Activity #1 (Sheep).** Complete 2 trials:

**Trial #1** **Trial #2**

Average Time: \_\_\_\_\_\_\_\_ Average Time: \_\_\_\_\_\_\_\_\_

You are rated: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ You are rated: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Reaction Time Activity #2 (Frog).** Complete all 3 trials:

**Trial #1** **Trial #2** **Trial #3**

#1\_\_\_\_\_\_\_\_ #1\_\_\_\_\_\_\_\_ Visual Avg:\_\_\_\_\_\_\_\_

#2\_\_\_\_\_\_\_\_ #2\_\_\_\_\_\_\_\_ Audio Avg:\_\_\_\_\_\_\_\_

#3\_\_\_\_\_\_\_\_ #3\_\_\_\_\_\_\_\_ Both Avg:\_\_\_\_\_\_\_\_

AVG:\_\_\_\_\_\_\_\_\_ AVG:\_\_\_\_\_\_\_\_\_\_ Total Avg:\_\_\_\_\_\_\_\_\_

**Match A Brain:** Use the pictures on the left to help you correctly match the name to the picture.

**Color Match Game**. Play 3 rounds and record your scores.

Reaction Time:\_\_\_\_\_\_ Accuracy:\_\_\_\_\_\_ Total Correct:\_\_\_\_\_ Points\_\_\_\_\_\_\_

Reaction Time:\_\_\_\_\_\_ Accuracy:\_\_\_\_\_\_ Total Correct:\_\_\_\_\_ Points\_\_\_\_\_\_\_

Reaction Time:\_\_\_\_\_\_ Accuracy:\_\_\_\_\_\_ Total Correct:\_\_\_\_\_ Points\_\_\_\_\_\_\_

**Red Square Game:** Play the game several times until you get good at it. What is your very best time? **\_\_\_\_\_\_\_\_\_\_** secs.

**Memory Matrix Game.** Play 1 round and record your score.

Tiles\_\_\_\_\_\_\_\_\_ Score\_\_\_\_\_\_\_\_\_

**Eye Jigsaw:**

**Fitbrain**: Click on Uber Brain and take the assessment that will test all 5 areas of the brain and provide you a final result. After the assessment, select the brain games of your choice to play for the remainder of the period. There are some good ones! List the games you played below:

**Luminosity:** Click around and play some fun games that will measure and test your brain in several areas! List the games you played and have some fun! ☺