

Lab for Module #3

Brain Structures & Their Functions

The lab for this module is designed to help you learn about the different parts of the brain and what they do.

Instructions for Doing the Lab

1. Go the “Brain Anatomy” web page of the Koshland Science Museum. Here is the link: <https://www.koshland-science-museum.org/explore-the-science/interactives/brain-anatomy>
2. Explore how to use the site by moving the brain around with the viewer control just below the brain.
3. Select “Exterior View.” Highlight each of the different lobes of the brain by clicking on the name of each lobe (lower right side of the screen) and learn about what each one does.
4. After you have examined each of the exterior brain structures, click on “Interior View.”
5. Highlight each of the interior structures by clicking on their names, and learn about what each one does.

Instructions for Writing Your Lab Report

1. Select two exterior brain structures and two interior brain structures that were especially interesting to you.
2. Your lab report should consist of four double-spaced paragraphs. Each paragraph should have a heading that is the name of the brain structure that the paragraph is about. Please **WRITE IN COMPLETE GRAMMATICALLY CORRECT SENTENCES – DO NOT JUST USE BULLET POINTS**. The lab report is a writing exercise, so work on your communication skills accordingly.
3. In each paragraph, describe the following things:
 - a. Where in the brain is the structure located? Do your best to use precise language.
 - b. What are the primary functions of the brain structure? You may use your textbook, the PPT slides, and the website as resources for this.
 - c. Given what you have learned about the functions of the brain structure, speculate about what other types of functions that this brain structure might reasonably be involved with, and explain why you believe that your hunches about this make sense.