

Sheep Brain Dissection Lab Instructions

Lab Instructions Version 1

1. Before Lab
 - a. Complete the pre-lab (you do not need to turn this in before/during lab, but see below)
 - b. Read the Dissection Walkthrough

2. During lab
 - a. You will dissect brains in groups of 2-3.
 - b. Together, you will follow the guide thoroughly. During this, record answers to the study questions in the Walkthrough using the 'Sheep Brain Questions' document. This file can be downloaded from blackboard and directly filled in.
 - c. You can also take pictures of your preparation to attach to document later.

3. By 24h after the lab discussion, turn in the following for credit:
 - a. For *80% of your score*: Submit ONE copy of your completed 'Questions' document per group, to Blackboard. It should contain:
 - i. Answers to the pre-lab questions.
 - ii. Answers to each of the Exercise Questions posed in the Dissection Walkthrough.
 - iii. Answers to THREE of the Thought Questions in the Walkthrough.

NOTE: These "Questions" don't have to be perfect (format, etc.). They are meant for you to think about things and keep a record of what you did in lab. For most of these questions, you should keep your answers brief. When using outside sources, cite them appropriately.

- b. For *20% of your score*, fill out the survey that your TA will email you regarding this lab. This will help us gauge what you have gotten out of the lab. Do not look at your Lab Notes or Walkthrough Guide while answering the survey questions. **NOTE: Your grade for the survey will be based on completing it, not on how well you do on the knowledge questions.**

PRACTICAL NOTE:

If you have any of the following instruments from other biology courses, please bring them with you to lab: scalpel blades and handles, forceps, scissors, probes, manicure sticks, toothpicks.

SAFETY NOTES:

The brains in this lab were preserved in 4% formaldehyde. Be sure to wear plastic surgical gloves at all times while handling the brains, and consider bringing a lab coat if you have one. Be sure to wash all the tools you have used before you leave the laboratory.