

Lab 12 To Do List

Lab Manual Exercise 14 – The Brain

Activities 1-2: Human Brain Anatomy

Use models (we have 3, but they can be split in half, although only one half is numbered)

Activity 3: The cranial nerves

Use the brain stem of the brain models; one of the brain models separates into multiple pieces including a separate brain stem

For each, students should be able to identify by Roman number or name, know what it innervates (organs, muscles, regions; but don't need to know detailed pathways outlined in lab manual), and know its function, both general category (motor, sensory or mixed) and more specific functions (eg vision, movement of eyes, etc)

Sheep Brain Dissection

1 brain per 4 students; they may cut them up

Students should examine intact brain, a mid-sagittal section, and a coronal section

Exercise 14 Questions

Complete Cranial Nerve Chart (if time permits)

Answer Review Questions 1, 3, 5, 15, 18