

## Unit 7b Nervous System

### Sheep Brain Dissection – The Anatomy of Memory

Use the website found at <http://www.exploratorium.edu/memory/braindissection/index.html> to complete the questions that follow. Submit your answers in a MS Word document to Mrs. Michaelson at [denisemichaelson@chetek.k12.wi.us](mailto:denisemichaelson@chetek.k12.wi.us).

1. What is the name given to the outer layer of the brain and how thick is it?
  
2. What are these cells mainly responsible for?
  
3. The dark grey top part of the cortex is called \_\_\_\_\_.
4. The lighter inner part is called the \_\_\_\_\_.
5. Grey matter is made up of \_\_\_\_\_.
6. The white matter is made up of \_\_\_\_\_.
7. Working memory occurs where in the brain and what does it coordinate?
  
8. Long-term memory occurs where in the brain?
  
9. According to the brain diagram which part of the brain is where our skill memory is found?
  
10. What is the function of the cerebellum?
  
11. Why study sheep brains? Have we been able to figure out all the mysteries of the brain?  
Explain what the future might hold regarding our understanding of the brain.