**General Biology II Lab**

**Coelomate Invertebrates, Lophotrochozoan Protostomes**

**Before you leave the lab:**

1. Did you observe the mollusk specimens on the lab bench? \_\_\_\_
2. What are the classes in Phylum Mollusca?
3. What does the term protostome mean?
4. Look at the clam model and identify:
   * Foot
   * Gill
   * Gonad
   * Intestine
   * Mouth
   * Stomach
   * Anus
   * Kidney
   * Heart
   * Mantle
5. **Dissection**: with your group, dissect the squid (Figure 8.2 depicts structures you should look for).
6. Did you observe worm specimens on lab bench? \_\_\_\_\_
7. What are the classes in Phylum Annelida?
8. Look at the earthworm model and identify
   * Brain
   * Hearts
   * Esophagus
   * seminal vesicle
   * seminal receptacle
   * crop
   * gizzard
   * dorsal vessel
   * clitellum
9. **Dissection**: with your group, dissect the earthworm (Figure 8.4 depicts the earthworm dissection).
   * Locate clitellum
   * Place on ventral side – you want to cut along dorsal side
   * Make very light, shallow incision from mouth past clitellum