

## Biology Study Guide

### Chapter 15C/15D – Worms, Mollusks, and Echinoderms

1. Study any Quizlets for Chapter 15C/15D.
2. Be able to match a short description with the correct phylum and class. (i.e. spiny skin is characteristic of Phylum Echinodermata)
3. Be able to match all the organisms discussed in the chapter with their correct phylum and class. (i.e clam is in Phylum Mollusca and Class Bivalvia)
4. Be able to match vocabulary with their life process (i.e. foot goes with movement)
5. Explain the major parts of a tapeworm.
6. Explain the structural differences between the three phyla of worms.
7. How does a starfish eat?
8. How does the squid protect itself?
9. List the main characteristics common to echinoderms.
10. List the main characteristics common to most mollusks.
11. Know/Apply the following terms:

- antenna
- aortic arches
- beak
- bilateral
- cephalopoda
- clitellum
- crop
- echinoderms
- epidermis
- excurrent siphon
- flame cells
- ganglia
- gills
- gizzard
- hermaphroditic
- incurrent siphon
- ink
- mantle
- nematodes
- nephridia
- pharynx
- photoreceptors
- proglottid
- radial symmetry
- radula
- regeneration
- setae
- slime trail
- tentacles
- valve
- visceral hump
- water vascular system
- wedge-shaped foot