**The Wonderful World of Invertebrates Webquest Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

<http://www.can-do.com/uci/lessons98/Invertebrates.html>

1. Phylum Porifera
   1. List several examples of the Phylum Porifera.
   2. How many species of sponges are found in the world?
   3. Draw the body plan of a sponge.
2. Phylum Cnidarians
   1. List several examples of the Phylum Cnidarians
   2. Explain what it means to have “tissue level” of organization?
   3. How many opening to the Cnidarian’s body? (List the two functions)
   4. How does the medusa and polyp differ from one another?
   5. Describe the function of nematocysts.
3. Phylum Platyhelminthes
   1. List several examples of the Phylum Platyhelminthes.
   2. Describe bilateral symmetry.
   3. Draw a picture of the flatworm
4. Phylum Mollusea
   1. List several examples of the Phylum Mollusea
   2. Describe two adaptations of mollusks.
   3. Identify the location of the mantle and what it does for mollusks.
   4. Draw a detailed picture of the Squid’s anatomy
5. Phylum Annelida
   1. List several examples of the Phylum Mollusea
   2. Describe the organ systems of the annelids (circulatory, digestive, etc)
6. Phylum Echinoderm
   1. List several examples of the Phylum Echinoderms
   2. What factors influence the growth rate & size of the echinoderms
   3. What is the maximum age of echinoderms?
   4. Draw and label a typical echinoderm.
7. Phylum Arthropoda
   1. List several examples of the Phylum Arthropoda
   2. Why are arthropods a wildly successful group of animals?
   3. List seven interesting adaptations of the arthropods’ appendages?
   4. What other phylum is closely related to arthropods? (Explain your answer)
8. What is the deadliest animal n the world?
9. Why does a rainy season set the stage for a mosquito infestation?
10. Discuss the life cycle of mosquitoes.
11. How can the mosquito population be reduced?