**Chapter 9: Sponges, Cnidarians, and Worms**

**Be able to:**

* Describe cellular organization in animals
* Identify the major functions of animals
* Describe how animals are classified
* Define symmetry
* Infer information about animals based on their symmetry
* Describe the characteristics of sponges
* Describe the characteristics of cnidarians
* Differentiate between the body plans of major groups of cnidarians
* Identify the three main phyla of worms
* Describe the main characteristics of each phylum of worms
* Label the internal structures of an earthworm

**Vocabulary: *NB Use your book, handout, notes, and other sources to complete and add to the provided vocabulary words. Be sure to update with your own clarifying notes, definitions and examples. The list below may not be comprehensive.***

|  |  |
| --- | --- |
| **Tissue** |  |
| **Organ** |  |
| **Sexual reproduction** |  |
| **Asexual reproduction** |  |
| **Phylum** |  |
| **Vertebrate** |  |
| **Invertebrate** |  |
| **Bilateral symmetry** |  |
| **Radial symmetry** |  |
| **Larva** |  |
| **Polyp** |  |
| **Medusa** |  |
| **Colony** |  |
| **Parasite** |  |
| **Host** |  |
| **Free-living organism** |  |
| **Scavenger** |  |
| **Closed circulatory system** |  |
| **Open circulatory System** |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |