

### Vocabulary Words

Tagmata  
Cephalothorax (= Prosoma)  
Abdomen (= Opisthosoma)  
Jointed Appendages  
Chitinous Exoskeleton  
Chitin  
Cuticle  
Collagen  
Ecdysis (Molting)  
Walking Legs  
Pedipalps  
Chelicerae  
Book Gills  
Carapace  
Telson  
Pincers  
Stinger  
Biramous Appendages  
Segmentation  
Chelipod  
Antenna  
Swimmerets  
Uropod  
Compound Eye  
Simple Eye  
Uniramous Appendages  
Tracheal Respiration  
Spiracle  
Malpighian Tubules  
Poison Fang  
Diplosegments  
Head  
Thorax  
    Prothorax  
    Mesothorax  
    Metathorax  
Abdomen  
Forewings  
Hindwings  
Direct Wing Muscles  
Indirect Wing Muscles

Direct Development  
Indirect Development  
    Incomplete Metamorphosis  
        Nymph/Adult  
    Complete Metamorphosis  
        Larva/Caterpillar  
        Pupa/Chrysalis

Labium  
Maxilla  
Mandible  
Cryptobiosis  
Symbiotic  
    Parasitic  
Carnivorous  
Filter-feeders  
Dorsal Nervous System  
Sessile  
Echinoderm endoskeleton  
Water vascular system  
Tube Feet  
Madreporite  
Ambulacral groove  
Papulae (=Dermal Branchiae)  
Pedicellariae  
Secondary Pentaradial Symmetry  
Central Disc/Arms  
Aboral/Oral Surface  
Ossicles  
Aristotle's Lantern  
Sea Cucumber's Oral Tentacles  
Dorsal Hollow Nerve Cord  
Pharyngeal slits/bars/pouches/gills  
Post-anal Tail  
Notochord  
Endostyle  
Atrium  
Tunic  
Incurrent/Excurrent Siphon  
Myomeres  
Cranium  
Tripartite (3-lobed) Brain  
Heart  
Hemoglobin  
Lateral Line System

Ampullae of Lorenzini  
Vertebral Arches  
Myoglobin  
Bony Endoskeleton  
Pectoral & Pelvic Fins  
Calcified Teeth  
Placoid scales  
Jaws  
Operculum  
Gas Bladder/Lungs  
Ray-finned  
Crypsis