

I. Planktonic, Benthic, Nektonic Marine Life and Communities

A. Planktonic Organisms

- 1. Identify the major features of planktonic organisms**
- 2. Differentiate between holoplankton and meroplankton**

B. Identify general characteristics of the kingdom animalia

- 1. Determine how body plans of animals differ**
- 2. Classify organisms into Vertebrate and nonvertebrate groups**
- 3. Compare the features of phyla porifera and cnidaria**
- 4. Describe the features of phyla platyhelminthes, nematode, and annelida**
- 5. Outline characteristics of the phylum mollusca**
- 6. Investigate the major characteristics of the phylum arthropoda**
- 7. Investigate the major characteristics of the phylum echinodermata**
- 8. Identify general characteristics exhibited by the marine vertebrate members of animalia**
- 9. Explore major anatomical and behavioral characteristics of the fishes, classes agnatha, osteichthyes, and chondrichthyes**
- 10. Compare various marine reptiles**
- 11. Recognize that birds represent the most diverse group of marine tetrapods.**
- 12. Compare various types of marine mammals**