1. Be able to identify the stages of animal (starfish) development on p. 209.

2. Be able to recognize the three cell types from Kingdom Monera (p. 231-232): bacilli (rod), cocci (spherical), spirilla (spiral)

3. Be able to identify these members of Kingdom Protista: Paramecium, Diatoms, Physarum (common name slime mold)

4. Know that Division Phaeophyta are the brown algae and be able to recognize Fucus as a representative genus.

5. Know that Division Bryophyta are the mosses and be able to recognize Mnium as a representative genus.

6. Be able to label Figure 24-12 (Mnium, the moss) on p. 249

7. Be able to identify the parts of a fern on p. 250-252 and be able to identify a fern gametophyte and its parts on p. 253.

8. Know the parts of a conifer on p. 255-258 and know the parts of a flower on p. 258.

9. Know this classification and be able to recognize members from each group:

   Division Tracheophyta - vascular plants
       (includes ferns, cone bearing plants, and flowering plants)

10. Be able to recognize these members of Kingdom Animalia and know what Phylum they belong to:

    Phylum Cnidaria - jellyfish, corals, hydras
    Phylum Platyhelminthes - flatworms (planaria, tapeworms, flukes)
    Phylum Annelida - segmented worms (earthworms, clamworms, leeches)
    Phylum Mollusca - soft-bodied animals (snails, squid, clams, chitons)
    Phylum Arthropoda - insects, spiders, crayfish, etc. (all have jointed appendages, hard exoskeleton, bilateral symmetry)