

I. Trophic relationships among various community members (pgs. 101-111)

A. **Define:** algae, phytoplankton, photosynthesis, cellular respiration, chloroplasts, macroalgae, thallus, pneumatocysts, stipe, holdfast, Chlorophyta, Phaeophyta, Rhodophyta, angiosperms, asexual reproduction, sexual reproduction, seagrasses, cordgrasses, halophytes, mangroves

B. Describe phytoplankton structure mobility.

- 1. Outline the environmental requirements for phytoplankton.**
- 2. Categorize the strategies phytoplankton use to counteract the tendency to sink.**

C. Compare cellular respiration and photosynthesis.

D. Distinguish among divisions of chlorophyta, phaeophyta, and rhodophyta.

- 1. Analyze seaweed anatomy.**

E. Compare features among marine flowering plants.

F. Differentiate between submergent and emergent plants.