

Name _____

Unraveling the Mysteries of Algae: Not Quite Plants

Multiple Choice Questions

1. What is a key difference between algae and plants?
 - A) Algae lack chlorophyll
 - B) Algae have specialized tissues like roots and stems
 - C) Algae reproduce through seeds or spores
 - D) Algae cannot perform photosynthesis

2. How do algae reproduce?
 - A) Through seeds
 - B) Through spores
 - C) Only through sexual reproduction
 - D) Through cell division and sexual reproduction

3. What gives algae their diverse colors?
 - A) Chlorophyll
 - B) Phycocyanin
 - C) Fucoxanthin
 - D) All of the above

4. What role do algae play in ecosystems?
 - A) They form the base of the food chain
 - B) They are top predators
 - C) They provide shelter for other organisms
 - D) They absorb carbon dioxide from the atmosphere

5. What is a characteristic feature of algae's cellular structure?
 - A) They have specialized tissues like plants
 - B) They lack membrane-bound organelles
 - C) They consist of simple structures without roots and stems
 - D) They cannot perform photosynthesis

