

Name _____

AP Biology

Chapter 37 - Guided Reading Assignment Soil and Plant Nutrition

Guided Reading Assignment Campbell's 10th Edition

Essential Knowledge

None

LO 2.8 The student is able to justify the selection of data regarding the types of molecules that an animal, plant or bacterium will take up as necessary building blocks and excrete as waste products.

LO 2.9 The student is able to represent graphically or model quantitatively the exchange of molecules between an organism and its environment, and the subsequent use of these molecules to build new molecules that facilitate dynamic homeostasis, growth and reproduction.

1. What makes up most of the mass of a plant?
2. What is the source of most of the dry mass of a plant?
3. What other nutrients are necessary in small quantities for a plant to remain healthy?
4. What role do these nutrients play in the life cycle of the plant?