DEFINE parasitism, commensalism
STATE the soil mineral most likely to be washed away during heavy rain
STATE the chemical equation for photosynthesis
STATE the behavior of stomata during times of water scarcity
STATE the number of xylem and phloem rings in a 5 year old woody tree
STATE the part of a plant responsible for most water absorption
STATE environmental conditions that would result in the highest plant transpiration
STATE the function of the Calvin cycle
STATE the meaning of the three percentages found on the front of bags of fertilizers
STATE where the bulk of a plants dry weight comes from
STATE primary functions of flowers
LIST 4 types of tissue found in land plants
OUTLINE the primary and secondary growth of a woody tree
OUTLINE the location and role of guard cells
OUTLINE the two stages of photosynthesis
OUTLINE the location and role of stomata
OUTLINE adaptations found in plants for water acquisition
OUTLINE the relationship between fertilization and pollination
OUTLINE nitrogen fixation
OUTLINE the main force that moves water from a plant's roots to its leaves
OUTLINE the pros and cons of sexual and asexual production
OUTLINE the role *Rhizobium*
DESCRIBE root nodules
DESCRIBE the cohesive property of water
DESCRIBE the fate of most water that enters a plant
DESCRIBE mycorrhizae
IDENTIFY produce as either a fruit or veggie
IDENTIFY the life cycle of a typical plant
IDENTIFY where nutrients, carbon dioxide, oxygen and water enter a plant
IDENTIFY characteristics of soil well suited for plant growth
IDENTIFY common "sources" and "sinks" in plants
IDENTIFY reactants and products for both the light reactions and the Calvin cycle
IDENTIFY the flower part that releases pollen
IDENTIFY the first step in seed germination
IDENTIFY the parts of a flower from outside to the inside
COMPARE fruits and vegetables
COMPARE photosynthesis and cell respiration
COMPARE phloem and xylem
COMPARE the flower parts that are directly involved in reproduction and those that are not
EXPLAIN why wilted leaves have a decrease in photosynthesis
EXPLAIN why nitrogen fixation is so important for plants and most life in general
EXPLAIN why overwatering a plant might kill it
EXPLAIN the adaptation of being a carnivorous plant