Photosynthesis & Respiration

- Write P if the items mentioned are a PRODUCT of the process of Photosynthesis.
- Write N if the items are NEEDED by the plant to perform Photosynthesis.
- Write X if the items are EXTRA.

sunlight

oxygen

nutrients

water

glucose

carbon dioxide

soil

lipids

- Write T if the statement is true or F if the statement is false.

a. Only plants can carry out photosynthesis.

b. Oxygen is a gas that plants release and living things use for respiration.

c. Carbon Dioxide is a waste product of respiration but is required in photosynthesis.

d. Photosynthesis occurs only in plants, and respiration occurs only in animals.

e. Photosynthesis is more efficient when there is a higher intensity of light.

f. Photosynthesis and respiration are opposite processes.

g. Most plant leaves appear green because they absorb green light.