

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.