

## 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.
  - Only plants can carry out photosynthesis.
  - Oxygen is a gas that plants release and living things use for respiration.
  - Carbon Dioxide is a waste product of respiration but is required in photosynthesis.
  - Photosynthesis occurs only in plants, and respiration occurs only in animals.
  - Photosynthesis is more efficient when there is a higher intensity of light.
  - Photosynthesis and respiration are opposite processes.
  - Most plant leaves appear green because they absorb green light.