

Survival, Reproduction or Defense?

Directions: Check all functions that apply for each part of a plant and flower.

Survival	Reproduction	Defense
Plant Structure <input checked="" type="checkbox"/> root <input checked="" type="checkbox"/> stem <input type="checkbox"/> flower <input checked="" type="checkbox"/> leaf	Plant Structure <input checked="" type="checkbox"/> root <input type="checkbox"/> stem <input type="checkbox"/> flower <input type="checkbox"/> leaf	Plant Structure <input type="checkbox"/> root <input type="checkbox"/> stem <input type="checkbox"/> flower <input type="checkbox"/> leaf
Flower Structure <input type="checkbox"/> anther <input checked="" type="checkbox"/> filament <input type="checkbox"/> stigma <input checked="" type="checkbox"/> style <input type="checkbox"/> ovary <input type="checkbox"/> ovule <input type="checkbox"/> sepal <input type="checkbox"/> petal	Flower Structure <input checked="" type="checkbox"/> anther <input checked="" type="checkbox"/> filament <input checked="" type="checkbox"/> stigma <input checked="" type="checkbox"/> style <input checked="" type="checkbox"/> ovary <input checked="" type="checkbox"/> ovule <input type="checkbox"/> sepal <input checked="" type="checkbox"/> petal	Flower Structure <input type="checkbox"/> anther <input type="checkbox"/> filament <input type="checkbox"/> stigma <input type="checkbox"/> style <input checked="" type="checkbox"/> ovary <input type="checkbox"/> ovule <input checked="" type="checkbox"/> sepal <input type="checkbox"/> petal

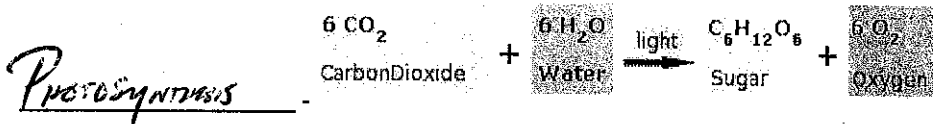
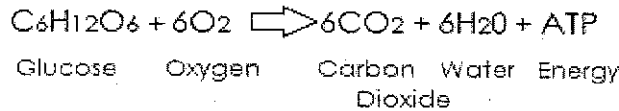
Photosynthesis, Respiration or Transpiration?

Photosynthesis - When plants use carbon dioxide, water and light to create their own food (sugar) and release oxygen into the air.

Respiration - When sugars stored in a plant is used as energy for GROWTH, REPRODUCTION or REPAIR.

Transpiration - When water vapor escapes a leaf from the stomata under the leaf

Formulas – Photosynthesis or Respiration?



Phloem or Xylem?

Xylem - Transports water and nutrients UP from the roots to the leaves.

Phloem - Transports food (sugar) DOWN from the stem to areas of growth.

Stomata or Guard Cells

Stomata - Opening (pore) in the leaf where water vapor escapes

Guard Cells - Controls the opening in the leaf