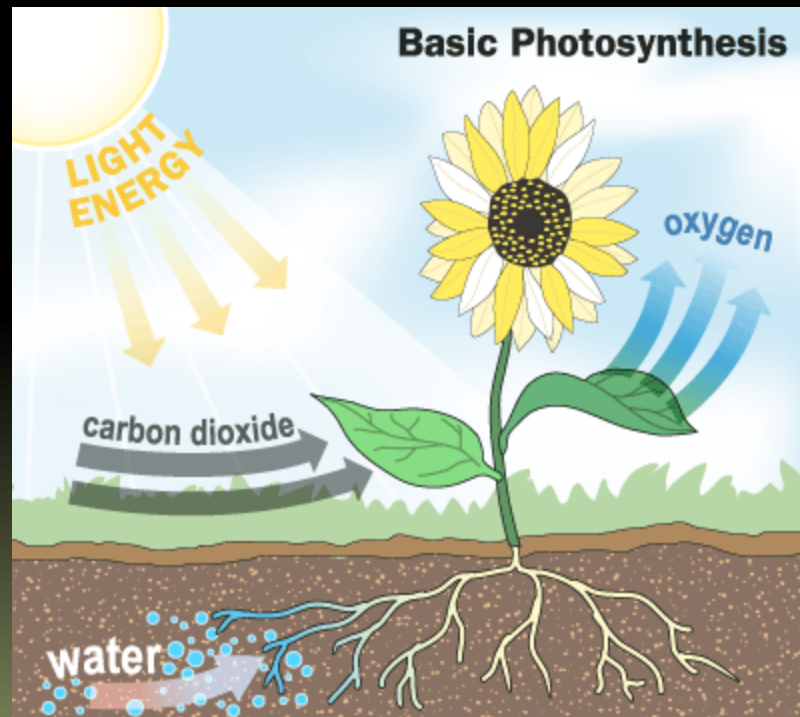


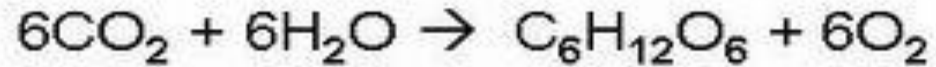
PHOTOSYNTHESIS

Photosynthesis

- Photosynthesis is the process in which plants **use** water, carbon dioxide, and light energy to create sugar and oxygen.



The Chemical Formula of Photosynthesis



6 carbon dioxide molecules + 6 water molecules in the presence of light energy produce 1 glucose (sugar) molecule and 6 oxygen molecules.

Where does photosynthesis occur?

- Photosynthesis occurs within the green parts of plants.
 - Only plants can perform photosynthesis.
 - It occurs within the chloroplasts in plant cells.



Why is Photosynthesis so important?

1. It provides the oxygen we breathe.
2. It removes much of the carbon dioxide from the atmosphere.
3. It produces food.
4. It creates usable energy.
5. There would be no life without it.

