



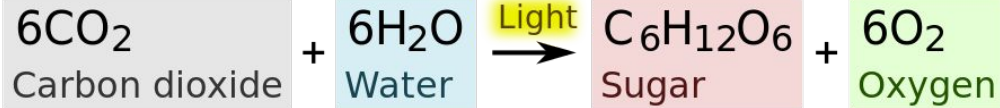
***An Introduction to Leaves***

# *Leaves and why they're so Important:*

- Plants are living things meaning they require energy to survive, leaves provide the site of making this required energy using the process of **PHOTOSYNTHESIS**
- **Photosynthesis** is the process the plant uses to produce energy by converting carbon dioxide in our atmosphere, sunlight, and water to convert it to energy in the form of glucose, and releases oxygen into the atmosphere.
- Without a source of energy, the plant withers and dies same with any other living thing in our environment.



# Photosynthesis



- This is a recipe on how sugar is made through a plant.
  - It takes 6 carbon dioxide and 6 water molecules with light to convert into one sugar and 6 oxygen molecules.

