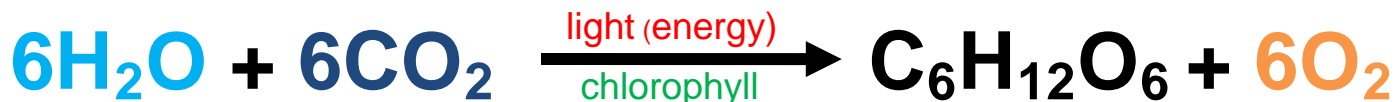


Photosynthesis Equations

Chemical Equation:



Explanation of Symbols:

6 molecules of **water** ($6\text{H}_2\text{O}$)

6 molecules of **carbon dioxide** (6CO_2)

Produce ($\xrightarrow[\text{chlorophyll}]{\text{light energy}}$ (Light energy and chlorophyll must be present.)

1 molecule of **sugar**
($\text{C}_6\text{H}_{12}\text{O}_6$)

6 molecules of **oxygen** (6O_2)

Word Equation:

Six molecules of water plus six molecules of carbon dioxide, using light energy and chlorophyll, produce one molecule of sugar plus six molecules of oxygen.

