## Photosynthesis and Cellular Respiration

Cellular

Respiration

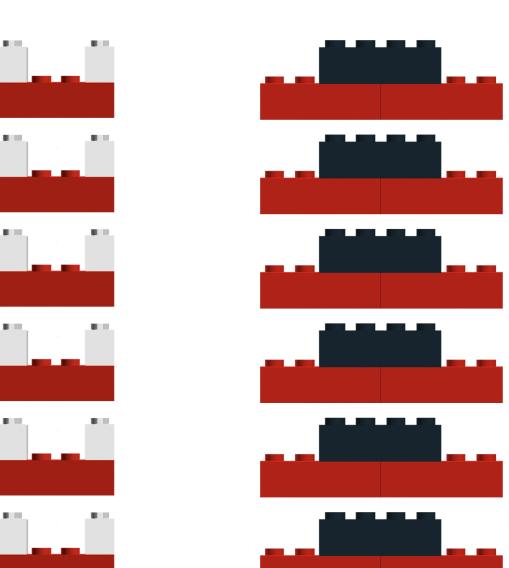
**Photosynthesis** 

## **Photosynthesis**

Photosynthesis is a chemical reaction used by plants and other organisms to store energy as glucose. The process changes carbon dioxide and water into glucose and oxygen and requires light energy.

(carbon dioxide)

(water)



## **Cellular Respiration**

Cellular respiration is a chemical reaction used by most organisms to generate energy from glucose. The process changes glucose and oxygen into water and carbon dioxide and releases chemical energy for the cell.

