

Cellular Respiration needs	Sugar and Oxygen
The Chemical Symbol for Carbon Dioxide	CO <sub>2</sub>
The Chemical Symbol for Water	H <sub>2</sub> O
The End Product for Cellular Respiration	Carbon Dioxide and Water
The End Products for Photosynthesis	Oxygen and Sugar/Glucose
The Energy Transformations in Photosynthesis	Light to Chemical
Equation for Cellular Respiration	$C_6H_{12}O_6 + 6O_2 \rightarrow \text{Energy} + 6CO_2 + 6H_2O$
Equation for Photosynthesis	$6CO_2 + 6H_2O + \text{Sunlight} \rightarrow C_6H_{12}O_6 + 6O_2$
The gas produced by Cellular Respiration	Carbon Dioxide
The gas produced by Photosynthesis	Oxygen

Organelle used in Cellular Respiration	Mitochondria
Organelle used in Photosynthesis	Chloroplast
Organisms that make their own food	Plants or Producers
Photosynthesis needs	Carbon Dioxide, Water, & Sunlight
The Reactants for Photosynthesis	Carbon Dioxide, Water, and Sunlight
The Reactants for Respiration	Oxygen & Sugar/Glucose