

Cell Processes: Photosynthesis and Cellular Respiration Characteristics

Use the following as characteristics of Photosynthesis, Cellular Respiration, or both in the Venn Diagram on cell processes.

Opposites	Uses a waste product of humans
Occurs in plant cells	Process in which cells get energy
Occurs in plant and animal cells	Necessary for the survival of plants and animals
Uses light energy to make food/glucose	Breaks down food/glucose to release energy (ATP)
Provides a necessary gas for humans	Uses water, light energy, and carbon dioxide to make glucose and oxygen
Consumes Carbon Dioxide	Uses glucose and oxygen to make carbon dioxide, water, and energy (ATP)