

Create a model or drawing showing how the sun's light energy is changed into energy that you use. Include ATP (Adenosine triphosphate), cellular respiration, mitochondrion, photosynthesis, chloroplast, animal cell, plant cell, light energy, water, oxygen, carbon dioxide, and glucose. Label and explain your model or drawing.

Write a scientific explanation for the role of photosynthesis. Trace the flow of energy and the movement of matter in and out of organisms. Tell what plants take in, and what they give off. Remember to paraphrase and use your own words.

A large grid of horizontal and vertical lines for writing, consisting of approximately 15 horizontal lines and 2 vertical lines forming a wide central column.

