

Science Lesson: Photosynthesis and Human Anatomy

Photosynthesis

Photosynthesis is the process by which green plants and some algae make their own food using sunlight. During this process, plants absorb carbon dioxide from the air and water from the soil. With the help of sunlight and chlorophyll, they convert these into glucose, a type of sugar that gives them energy. Oxygen is also released as a byproduct. This process is very important because it provides the oxygen that humans and animals need to breathe.

Human Anatomy

The human body is made up of different systems that work together to keep us alive and healthy. The main systems include the skeletal system, which gives our body shape and support; the muscular system, which helps us move; and the circulatory system, which carries blood throughout the body. The respiratory system helps us breathe oxygen and remove carbon dioxide, while the digestive system breaks down food into nutrients. All these systems work together to keep the body functioning properly.

Both photosynthesis and the human body show how nature is designed to sustain life—plants provide oxygen and food, while humans depend on them for survival.