

5th Grade Life Science

Photosynthesis Vocabulary

1. Photosynthesis – the process where plants use sunlight, water, and carbon dioxide to produce sugar and release oxygen
2. Oxygen – a waste product produced by plants during photosynthesis that animals use for respiration
3. Carbon Dioxide – a gas produced by cells during respiration; used in photosynthesis to produce sugars
4. Glucose – the compound produced through photosynthesis which plants use as food
5. Convert – change from one form to another
6. Fuel – a substance that produces power or energy
7. Organism – any living thing
8. Radiant energy – energy from the sun that reaches Earth as visible light, ultraviolet and infrared (heat) radiation
9. Element – a material that cannot be broken down into anything simpler [example: O (oxygen)]
10. Compound – when two or more elements combine [example: CO₂ (carbon dioxide)]

