

# UNIT 9: LIFE, LIGHT, & LOVE



Root Word	Meaning	Origin
bio	life	Greek
photo	light	Greek
phil	love	Greek



- biology** (n) - a science that deals with things that are alive, such as plants and animals; the study of life  
*I have learned so much about living things in my **biology** class.*
- biodegradable** (adj) - capable of being slowly destroyed and broken down into very small parts by natural processes, bacteria, etc.  
*Most paper goods are **biodegradable** and can be broken down by living things called decomposers.*
- biography** (n) - the story of a real person's life written by someone other than that person  
*I will write a **biography** about Abraham Lincoln because I know so many fascinating details about his life.*
- photography** (n) - the art, process, or job of taking pictures with a camera; named after the original process that used light to expose an image on special paper  
*Before digital cameras, **photography** required artists to develop their prints in dark rooms that prevented light from ruining their pictures.*
- photosynthesis** (n) - the process by which a green plant turns water and carbon dioxide into food when the plant is exposed to light  
**Photosynthesis** within a plant can only occur in the presence of light.
- photon** (n) - a tiny particle of light or electromagnetic radiation  
*All light is made up of **photons**, which are so small that you cannot see them individually.*
- Philadelphia** (n) - a US city founded by William Penn, a Quaker who believed in peace  
*The literal translation of **Philadelphia** is "the city of brotherly love."*
- philanthropist** (n) - a wealthy person who gives money and time to help make life better for other people  
*Steven was a **philanthropist** who cared deeply about homeless children; he held many fund raisers and donated a lot of money to help them.*
- philosophy** (n) - the study of ideas about knowledge, truth, the nature and meaning of life; your personal beliefs or opinions related to life  
*My **philosophy** is that you must always treat others with love and respect.*
- bibliophile** (n) - a person who loves or collects books  
*It's pretty evident from my huge library that I am a **bibliophile**.*