Vocabulary Root Words Lesson 11.6 Love and Light

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| Root Word | Meaning | Words You Already Know |
| phil/phile | love | Philadelphia (The city of brotherly love) |
| photo | light | photograph |

**NEW WORDS**  
Rate your prior knowledge and highlight all “phil” and “photo” root-words.  
**1**: I know it, and can define and use it in a sentence! **2**: I’ve heard it and can figure it out when I’m reading. **3**: Huh??

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| **1, 2, 3** | **Definitions** | **Example Sentences** |
|  | philanderer (n): a man who flirts and has many casual affairs, especially when married to another women | Laura was shocked to learn that her husband was a philanderer who had cheated on her with many of her friends. |
|  | philanthropy (n): a desire to improve the welfare of humanity, especially through charity work | Bill Gates is known for his philanthropy, and has donated millions of dollars to charitable causes. |
|  | bibliophile (n): a person who collects and/or loves books | We knew Sharon was a bibliophile when she got rid of her TV to make room for more books. |
|  | philharmonic (adj): describes an orchestra or other group that promotes the study, performance, and appreciation of classical music | The philharmonic orchestra gave a special performance for the elementary school. |
|  | photosynthesis (n): a process by which green plants turn carbon dioxide into oxygen using light energy | In biology, we learned that all green plants use photosynthesis. |
|  | photogenic (adj): tending to look good in photographs | Because he was so photogenic, Bruce decided to try a career as a model. |
|  | photon (n): the basic unit of light (or, if you prefer, a unit of intensity of light at the retina equal to the illumination received per square millimeter of a pupillary area from a surface having a brightness of one candle per square meter) | Mrs. J isn’t really sure what a photon is, but she knows it has something to do with light, and that in Star Trek, they fire photon torpedoes. ☺ |