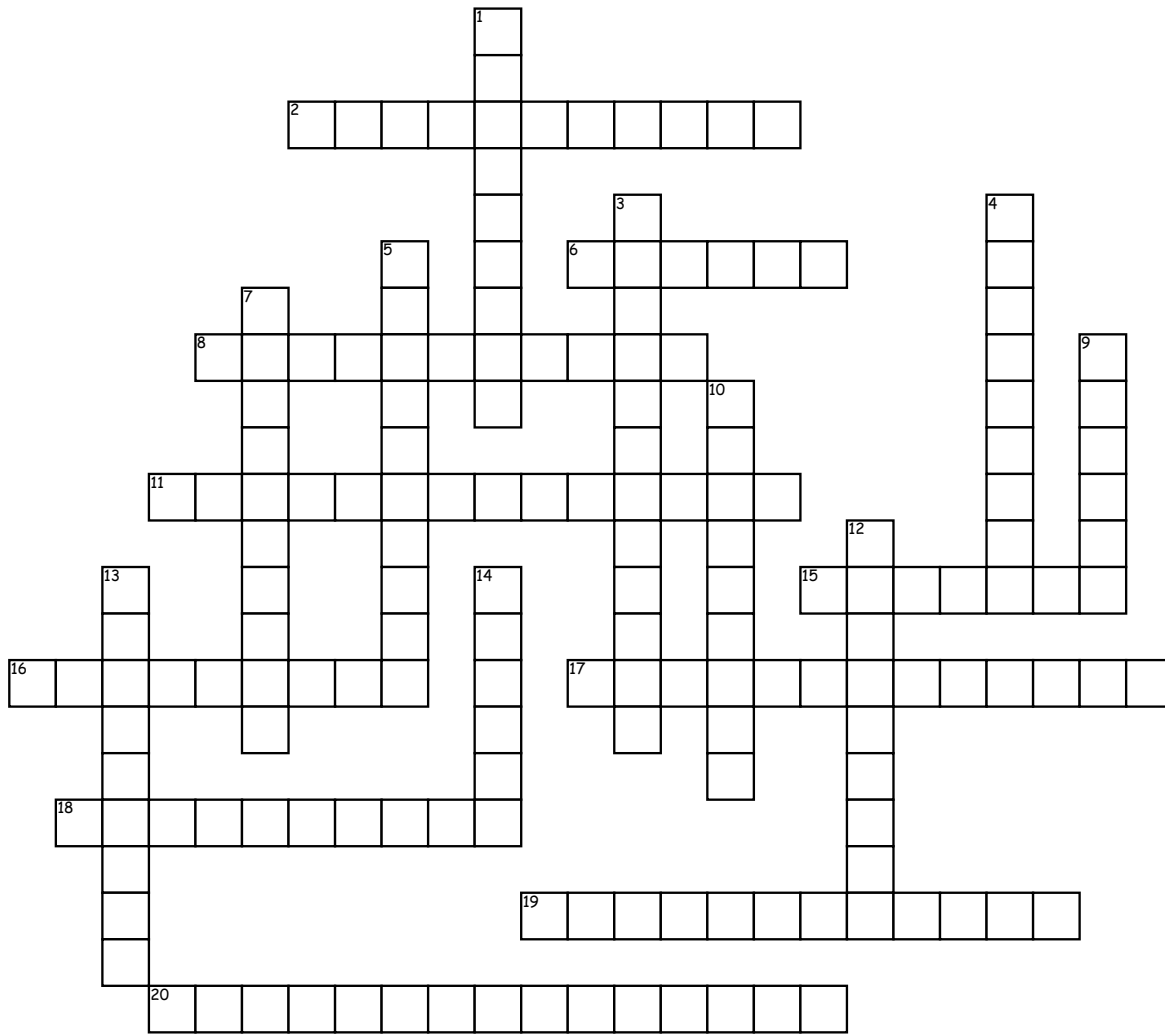


# spelling 2.0



## Across

2. a picture made using a camera, in which an image is focused onto film or other light-sensitive material and then made visible and permanent by chemical treatment, or stored digitally.

6. a particle representing a quantum of light or other electromagnetic radiation. A photon carries energy proportional to the radiation frequency but has zero rest mass.

8. a person who collects or has a great love of books.

11. the process by which green plants and some other organisms use sunlight to synthesize foods from carbon dioxide and water. Photosynthesis in plants generally involves the green pigment chlorophyll and generates oxygen as a byproduct.

15. the physiology, behavior, and other qualities of a particular organism or class of organisms.

16. an account of someone's life written by someone else.

17. (of a substance or object) capable of being decomposed by bacteria or other living organisms.

18. (especially of a person) looking attractive in photographs or on film.

19. devoted to music (chiefly used in the names of orchestras).

20. a person who seeks to promote the welfare of others, especially by the generous donation of money to good causes.

## Down

1. a photographic copy of printed or written material produced by a process involving the action of light on a specially prepared surface.

3. a city in pennsylvania

4. a lens with a longer focal length than standard, giving a narrow field of view and a magnified image.

5. the study of the fundamental nature of knowledge, reality, and existence, especially when considered as an academic discipline.

7. relating to biology or living organisms.

9. an examination of tissue removed from a living body to discover the presence, cause, or extent of a disease.

10. (of a man) readily or frequently enter into casual sexual relationships with women.

12. a recurring cycle in the physiology or functioning of an organism, such as the daily cycle of sleeping and waking.

13. having artificial body parts, especially electromechanical ones.

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