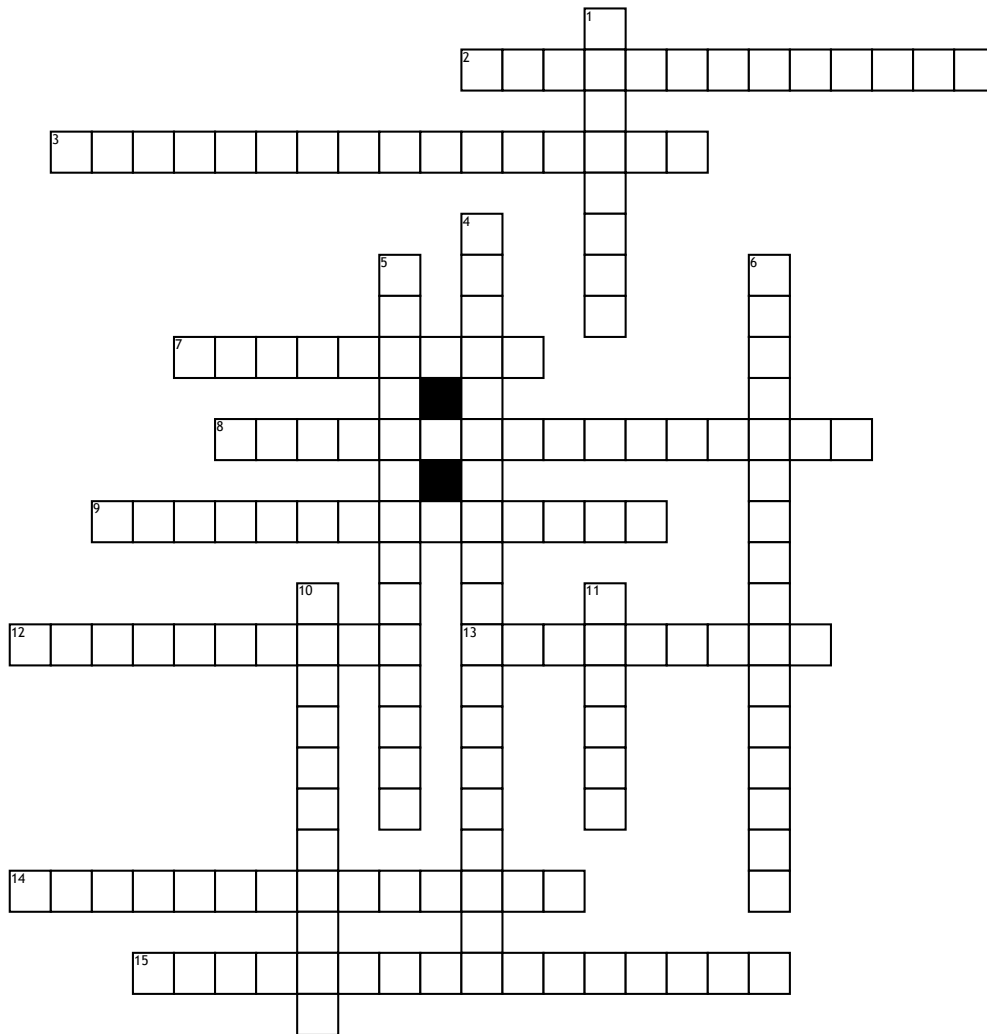


Biology Crossword



Across

- 2. asexual reproduction where parent cell splits into two halves
- 3. process by which nitrogen in the air is converted to ammonia or related nitrogenous compounds in soil
- 7. rigid, spiral bacterium
- 8. organism that can only live in environments with lack of oxygen
- 9. organisms that carry out photosynthesis

- 12. unicellular organism that lacks membrane-bound nucleus, mitochondria, or any other membrane bound organelle.
- 13. dormant, tough, non-reproductive structure produced by bacteria in the firmicute family
- 14. organism which derives energy from oxidation of inorganic compounds
- 15. organism that uses light for energy but cannot use carbon dioxide as its sole carbon source

Down

- 1. rod-shaped bacterium
- 4. can survive with or without oxygen
- 5. requires oxygen to grow
- 6. organism which derives its energy from chemicals, and needs to consume other organisms in order to live
- 10. process where bacterium transfers genetic material through a direct touch
- 11. oval shaped, spherical bacteria

Word Bank

- | | | | |
|-----------------|----------------------|-------------------|------------------|
| obligate aerobe | chemoautotroph | nitrogen fixation | spirillum |
| prokaryote | bacillus | obligate anaerobe | chemoheterotroph |
| endospore | conjugation | photoheterotroph | coccus |
| binary fission | facultative anaerobe | photoautotroph | |