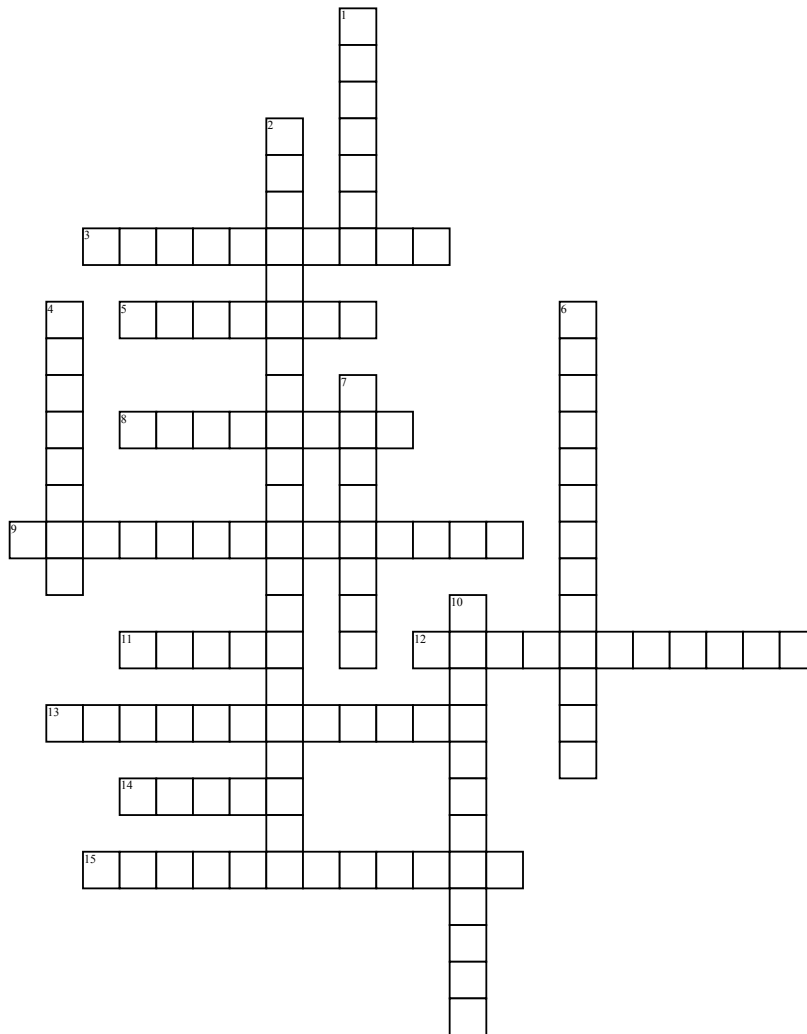


Name: _____

Microbes Shape our History



Across

3. The production of living organisms from other living organisms. Life comes from life.

5. Prokaryotic cells lacking nucleus, that never cause disease.

8. Eukaryotic microbes usually single-celled, which are motile heterotrophs.

9. Organisms too small to be seen without a microscope.

11. Eukaryotic microbes containing chloroplasts that conduct photosynthesis.

12. Organisms that feed solely on inorganic minerals.

13. Discovered vaccines for rabies and anthrax.

14. Heterotrophic organisms that are usually nonmotile and grow by absorbing nutrients from their surroundings.

15. A process by which microbes gain energy by converting sugars to alcohol.

Down

1. Noncellular microbes that must infect a host cell.

2. The theory that microbes arise spontaneously, without parental organisms.

4. Prokaryotic cells lacking nucleus that grow in all habitats.

6. Microbes that live within multicellular organisms and provide essential functions for their hosts.

7. Distinct populations of bacteria, each grown from a single cell.

10. The study of microorganisms.

Word Bank

Algae

Bacteria

Microbiology

Microorganisms

Louis Pasteur

Protozoa

Endosymbionts.

Biogenesis

Colonies.

Spontaneous generation

Lithotrophs

Viruses

Archaea

Fungi

Fermentation