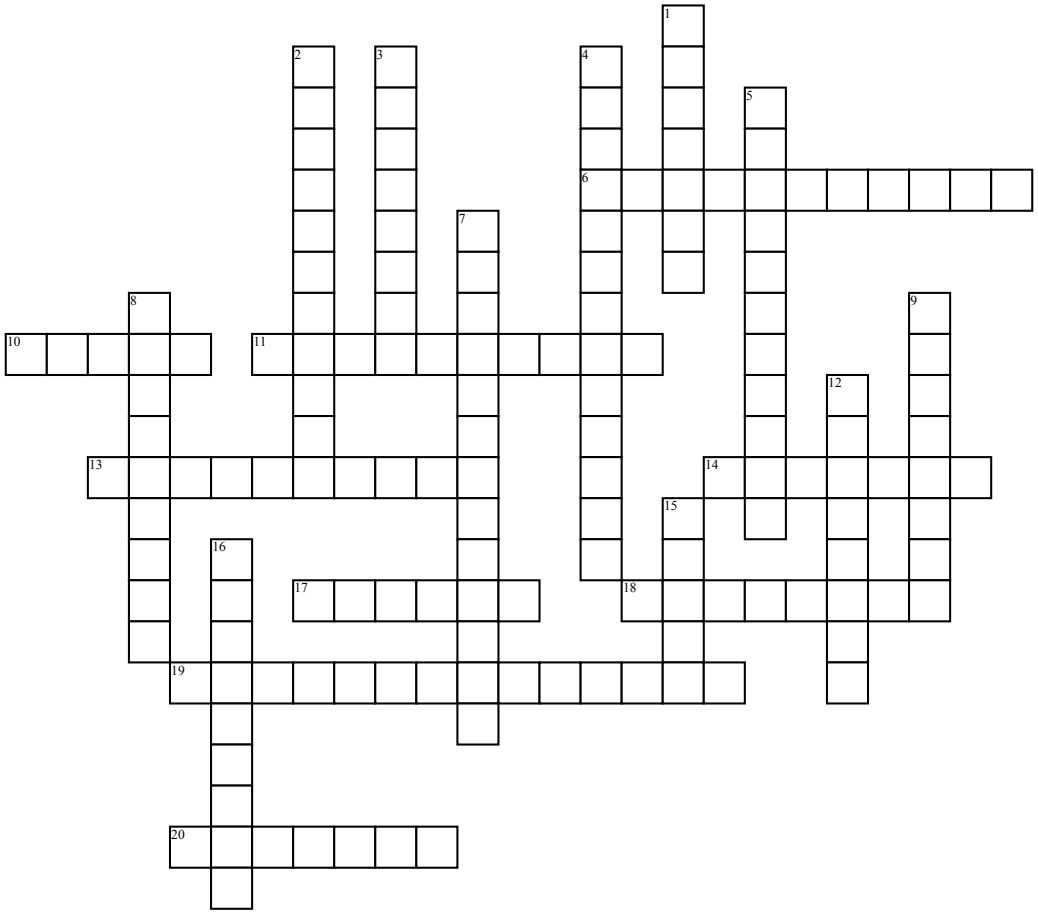
Name: _____ Date: _____ Period: _____

Crossword Puzzle; Science Project



Across

6. Self-nourishing; pertaining to the ability of an organism to produce its own nutrients from inorganic compounds

10. Nonliving strand of genetic material that cannot replicate on its own, has a nucleic core, a protein coat, and invades cells and alter cellular function

11. Unicellular, cell wall with peptidoglycan, and an auto or heterotroph

13. Microscopic, unicellular organism without a nucleus or other membrane-bound organelle

14. A group of organisms that can interbreed and produce fertile offspring

17. Spherical or round prokaryotes

18. Multicellular, no cell wall or chloroplast, and a heterotroph

19. Unicellular, cell walls without peptidoglycan, and an auto or heterotroph

20. Taxonomic group of related phyla or divisions

Down

1. Multicellular, cell walls of chloroplast, and an autotroph

2. A type of organism that is made up of a single cell

3. Multicellular with some colonial, chloroplasts, cell walls, and an auto or heterotroph

4. Asexual form of reproduction used by some prokaryotes in which a cell divides into two genetically identical cells

5. Organism that cannot make its own food and gets its nutrients and energy requirements by feeding on other organisms; also called a consumer

7. Consisting of many cells

8. Unicellular organism with membrane bound nucleus and organelles; generally larger and more complex than a prokaryotic cell

9. Microscopic prokaryotes that most are beneficial to humans and to the environment, but a small percentage can cause disease

12. Rod shaped prokaryotes

15. Unicellular or multicellular eukaryote that is stationary, absorbs nutrients from organic materials in the environment and has cell walls that contain chitin

16. Spiral shaped prokaryotes

Word Bank

Unicellular	Heterotroph	Fungi	Kingdom	Coccus
Eukaryote	Prokaryote	Virus	Protista	Eubacteria
Binary Fission	Animalia	Plantae	Spirillia	Species
Autotrophic	Bacteria	Archaebacteria	Bacillus	Multicellular