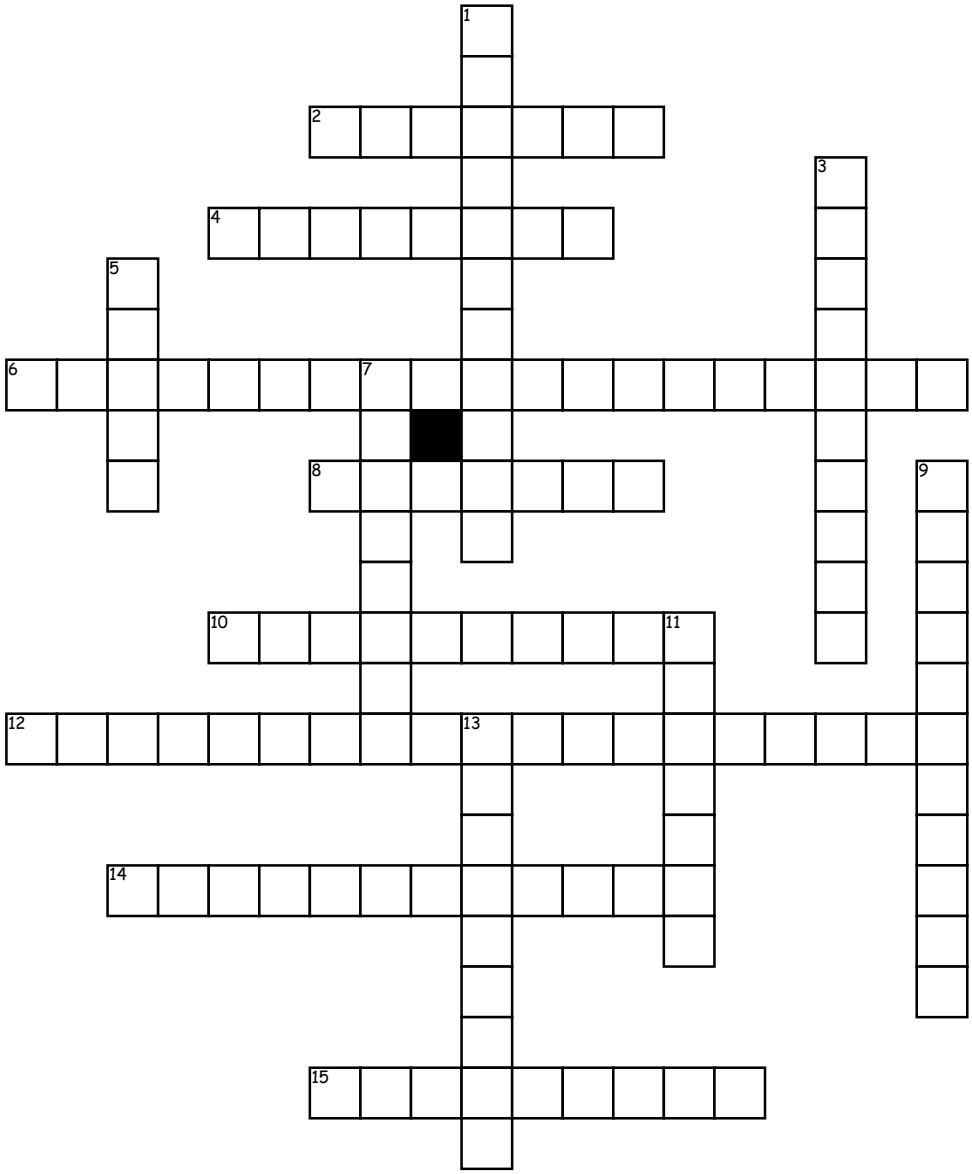
Name: _____ Date: _____ Period: _____

Tic-Tac-Toe 2.14.17 #2



Across

2. A membrane of the bound organelle in the center of the cell that contains DNA and controls cell function

4. Prokaryotic unicellular organisms that have cell walls

6. The organelle that controls what enters and exits the cell, composed of a selectively permeable phospholipid bilayer

8. Small, circular piece of DNA located in the cytoplasm of many bacteria

10. Cell type with a nucleus and other organelles; can be single celled or multicellular

12. A double layered structure that makes up membranes

14. Powerhouse of the cell

15. A coin like sac found in the chloroplasts in which the light dependent reactions of photosynthesis occurs

Down

1. A structure in the cells of plants and some other organisms that captures energy from sunlight and uses it to produce food

3. A type of cell characterized by a lack of cell wall or chloroplasts and several small vacuoles

5. Stack of thylakoids

7. A rigid structure that surrounds the cell membrane in plant in bacteria cells and provide support to the cell

9. Cell type that doesn't have a nucleus or membrane bound organelles; Single celled only

11. The folds of the inner membrane of the mitochondrion; increase surface area for cellular respiration

13. A type of cell characterized by a rigid cell wall, chloroplasts and a large vacuole

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