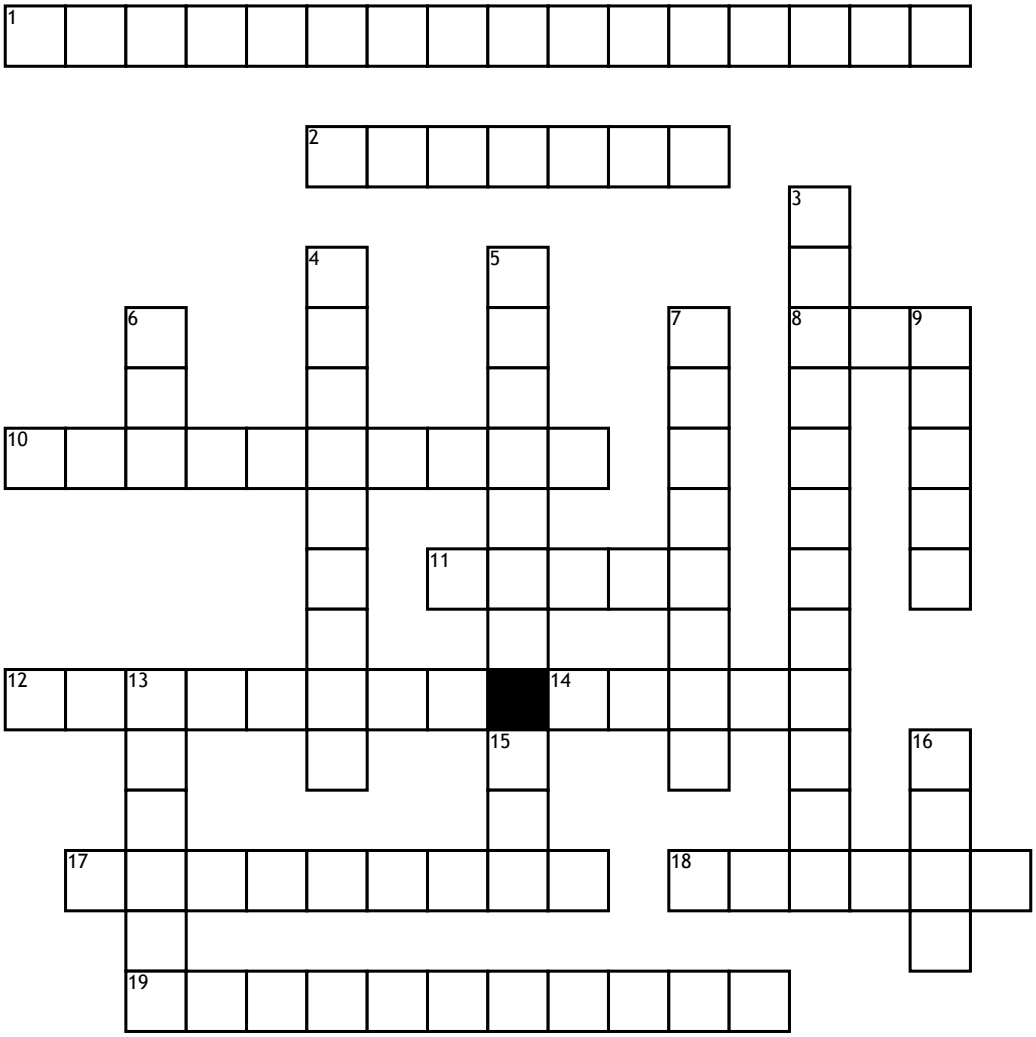
Diffusion and Osmosis



Across

1. When particles move across the cell membrane without needing to use energy from the cell it is called _____

2. _____ is a special type of diffusion that is very important

8. The molecules are moving TO an area with _____ concentration of water molecules

10. Large particles move across the cell membrane by a process called _____ (hint: out)

11. _____ are the smallest unit that can perform all life processes

12. Smallest particles across the cell membrane through passageways called _____

14. Osmosis takes place When _____ molecules move across a membrane

17. _____ is the movement of particles from regions of higher density two regions of lower density

18. Cells do not need _____ for diffusion

19. Large particles move across the cell membrane by a process called _____ (Hint- in)

Down

3. When talking about cells osmosis means water molecules crossing the _____ _____

4. Large _____ that need to leave the cell are enclosed in a vesicle and carry out of the cell

5. And a Salty solution the cell will _____

6. Particles move across the membrane in _____ ways

7. When particles move from areas of low concentration to high concentration moving large particles it is called _____ osmosis

9. The cell membrane _____ Around a particle and forms a vesicle to bring the particle into the cell

13. _____ transport is when particles need to use energy from the cell to move across the cell membrane

15. _____ is the equation for water

16. They water molecules are moving from an area of _____ concentration of water molecules

Word Bank

Shrivel	Low	Active	H2O	Channels
Wraps	Exocytosis	Two	Passive transport	Endocytosis
High	Osmosis	Cells	Particles	Opposite
Water	Cell Membrane	Energy	Diffusion	