

Review the Key Terms

contractile vacuole (kun TRAK tile • VAK yew ohl)

hypertonic solution (hi pur TAH nihk)

turgor pressure (TUR gur)

isotonic solution (i suh TAH nihk)

plasmolysis (plaz MAH luh sus)

exocytosis (eks oh si TOH sus)

active transport

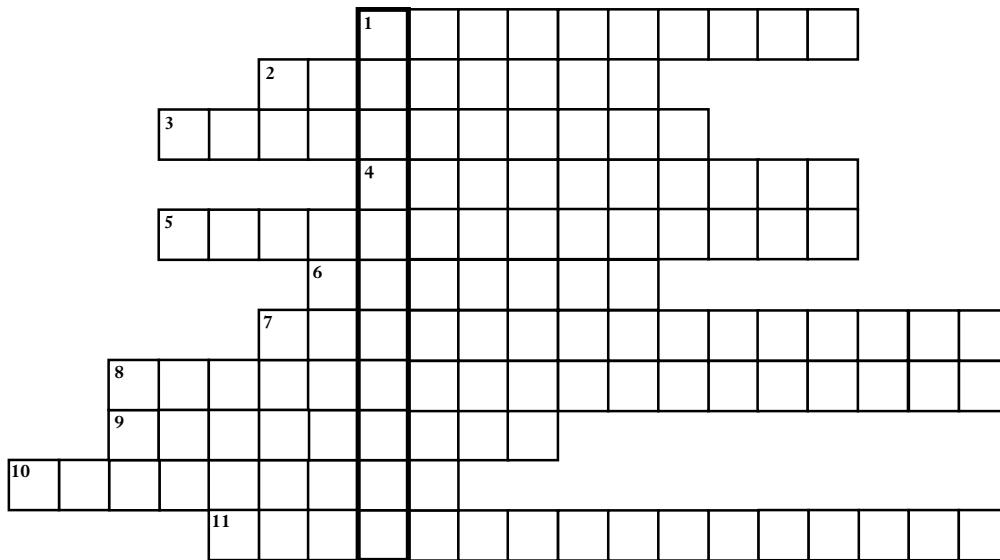
diffusion

hypotonic solution

osmosis

passive transport

Some of the Chapter 9 key terms are listed above. Review the definitions of these words. Then use the clues to complete the puzzle. The letters in the dark boxes will make up a word that tells you what you are studying in Chapter 9.



1. solution in which the concentration of dissolved substances is higher outside the cell than inside the cell
2. solution in which the concentration of dissolved substances is the same outside and inside the cell
3. results when a plant cell loses water and causes a plant to wilt
4. process that cells use to get rid of waste materials
5. pressure created by water inside a cell
6. passing of water molecules through a membrane
7. process in which a cell must use energy to transport materials across a membrane
8. organelle that squeezes extra water from a cell
9. movement of particles from an area of higher concentration to an area of lower concentration
10. solution in which the concentration of dissolved substances is higher inside the cell than outside the cell
11. movement across a membrane by diffusion