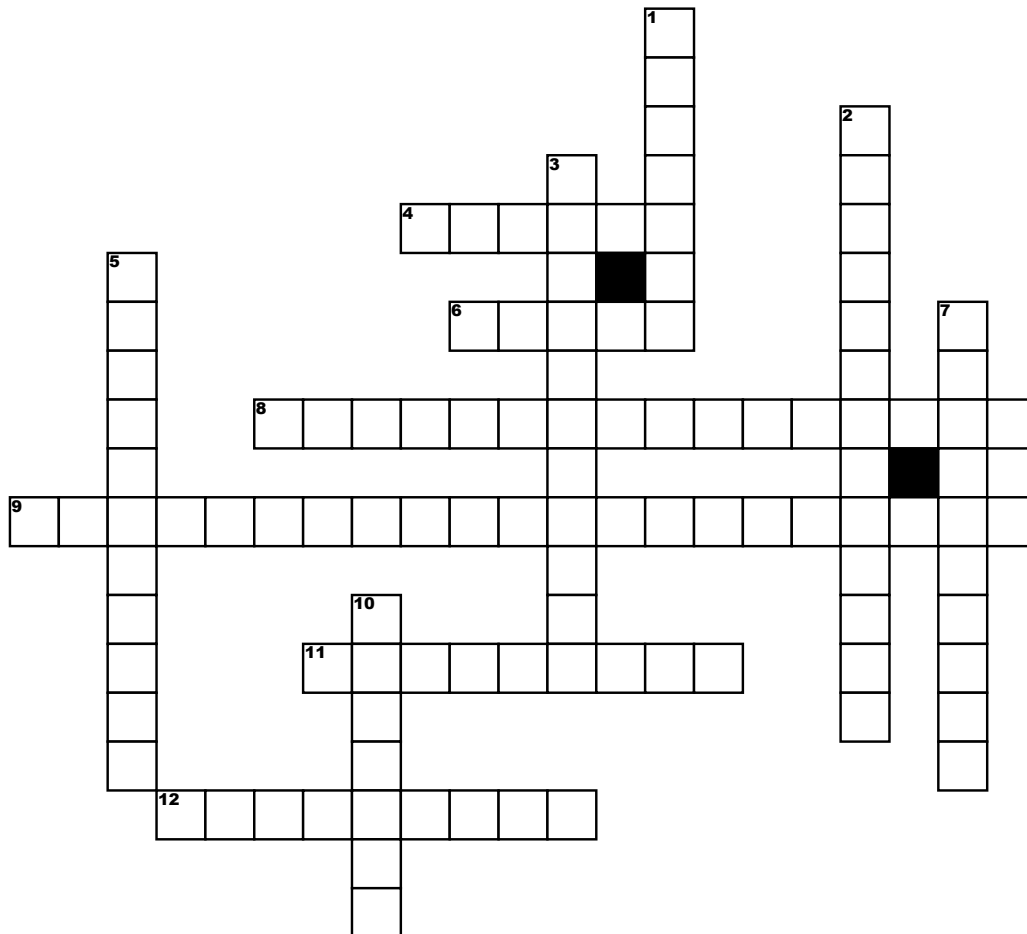


Cells



Across

4. collection of tissues with similar functions

6. any of the tubes forming part of the blood circulation systems of the body, carrying in most cases oxygen-depleted blood toward the heart

8. carry out a particular function, such as transporting a certain substance or executing a specific task

9. cellular membranes that only allows certain molecules to enter and exit the cells

11. dissolved substances have to pass through the cell membrane to get into or out of a cell. Occurs when particles spread

12. the spreading of something more widely

Down

1. a process by which molecules of a solvent tend to pass through a semipermeable membrane from a less concentrated solution into a more concentrated one, thus equalizing the concentrations on both sides of the membrane

2. composed of many cells

3. tiny blood vessels connecting arteries to veins. These blood vessels carry oxygen and nutrients to individual cells throughout the body

5. a single cell

7. a theory in biology that the cell is the fundamental structural and functional unit of living matter

10. any of the distinct types of material of which animals or plants are made, consisting of specialized cells and their products

Word Bank

specialized cells

tissues

organs

capillaries

osmosis

selective permeability

multicellular

cell theory

veins

diffusion

unicellular

diffusion