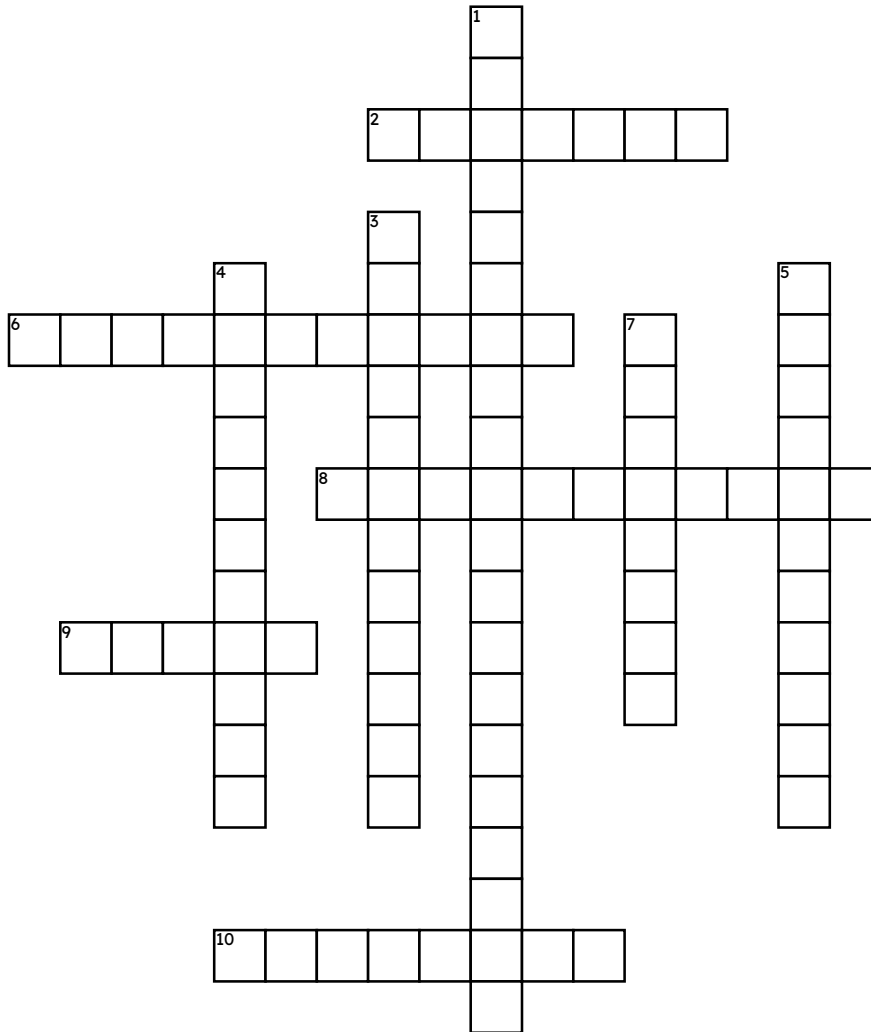


# Cell Membrane



**Across**

- 2. Having a structure with two layers
- 6. tending to repel or fail to mix with water
- 8. Waxy, Lipid-like substance that circulates in blood
- 9. Relating to one or more poles
- 10. Molecules in which the bonds are equal because the electrons are shared equally

**Down**

- 1. A membrane that allows one substance, such as water, to pass through more readily than another, such as sugar or salt

- 3. A lipid containing a phosphate group in its molecule
- 4. the tendency toward a relatively stable equilibrium between interdependent elements, especially as maintained by physiological processes
- 5. having a tendency to mix with, dissolve in, or be wetted by water
- 7. Any of numerous large, complex naturally-produced molecules composed of one or more long chains of amino acids

**Word Bank**

- |              |                       |             |
|--------------|-----------------------|-------------|
| Proteins     | Polar                 | Bilayer     |
| Phospholipid | Hydrophilic           | Cholesterol |
| Homeostasis  | Selectively permeable | Hydrophobic |
| Non-polar    |                       |             |