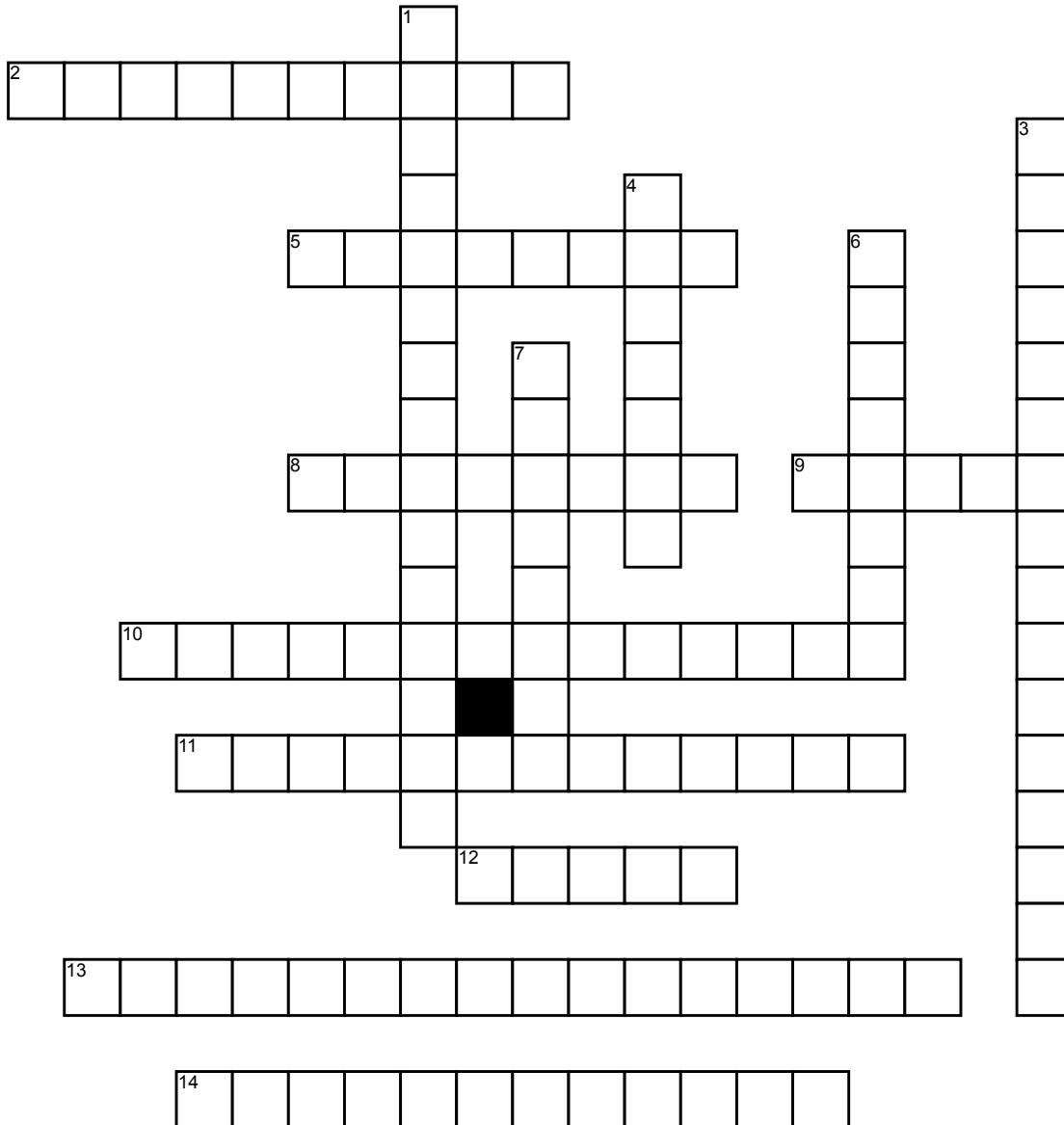


# Body Systems



**Across**

- 2. The process by which nutrients molecules pass through the wall of the digestive system into the blood
- 5. The inner framework made up of all the bones of the body
- 8. Substance in food that provides the raw materials and energy needed for an organism to carry out its essentials processes
- 9. A muscle that is attached to the bones of the skeleton and provides the force that moves the bones

- 10. A muscle that is attached to the bones of the skeleton and provides the force that moves the bones
- 11. A body tissue that carries electrical messages back and forth between the brain and other parts of the body
- 12. An organ that produces and releases chemicals either through ducts or into the bloodstream
- 13. A body tissue that converts the interior and exterior surfaces of the body
- 14. A body tissue that contracts, or shortens, making body parts move

**Down**

- 1. the action or process of differentiating
- 3. A body tissue that provides support for the body and connects all its parts
- 4. A chemical that affects growth and development
- 6. An action or change in behavior that occurs as a result of a stimulus
- 7. Any change or signal in the environment that can make an organism react in some way