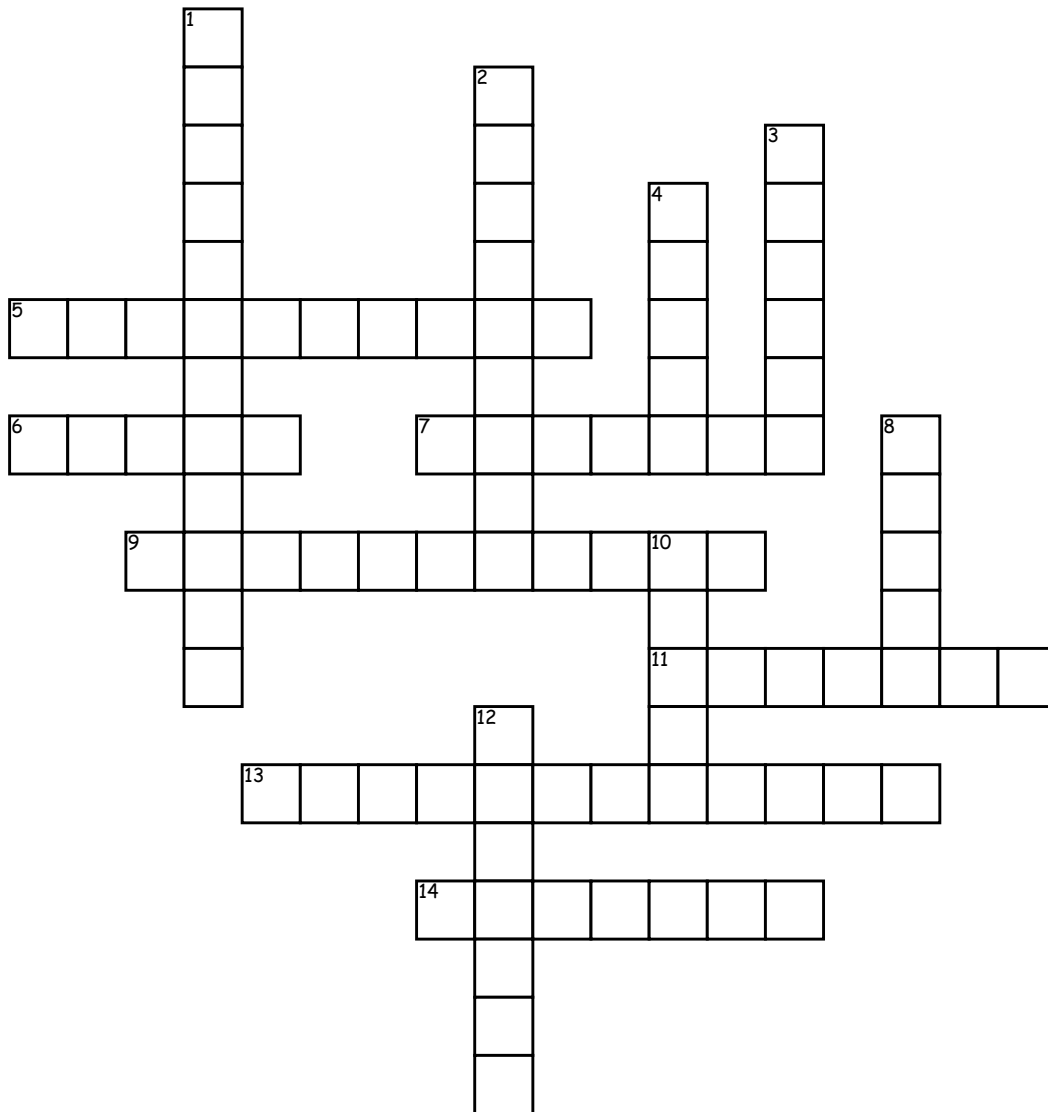


# DIGESTIVE SYSTEM



## Across

5. a region on an enzyme that binds to a protein or other substance during a reaction.

6. When something ends in -ose it is said to be a? Example: glucose

7. Amount of energy needed to raise temperature 1 gram of water 1 degree C

9. A carbon based molecule made by living things.

11. Nutrients the body uses to build and maintain its cells and tissues, polymers of amino acids

13. A molecule that is used by plants and animals to store energy for a short time.

14. Large molecule formed when many smaller molecules bond together

## Down

1. Complex macromolecules that store and transmit genetic information

2. A specific reactant acted upon by an enzyme

3. This type of protein controls the rate of reactions.

4. essential for life; used as a transportation fluid and as the medium for chemical reactions in the cell

8. crucial for bulking up food for efficient digestion and movement of food through the digestive tract; prevents constipation

10. A molecule that is used by animals for long term energy.

12. A small unit that can join together with other small units to form polymers.