

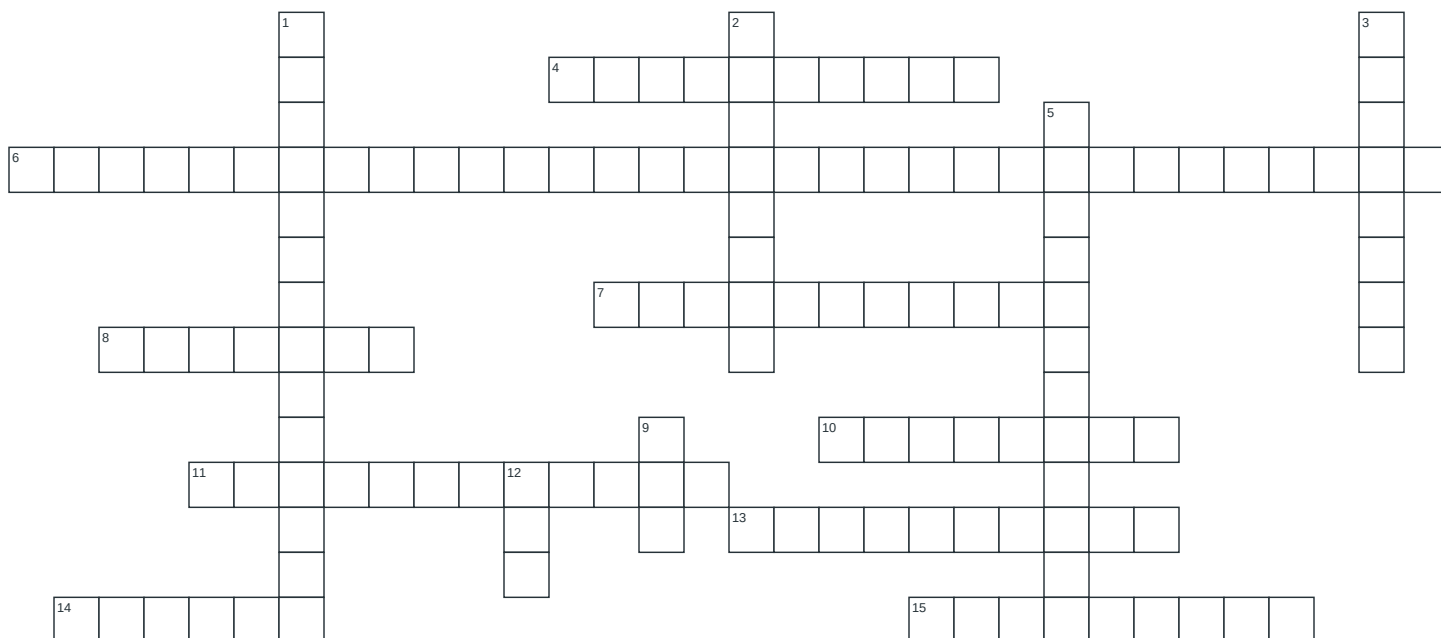
Biological Molecules and Enzymes Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

4. Reaction in which water helps break a chemical bond
6. An inhibitor competes with a substrate for the active site. Which change can often reduce its effect
7. Organelle where photosynthesis occurs in plants and algae.
8. Membrane-bound organelle that contains most eukaryotic DNA.
10. Rigid outer layer that supports many plant, fungal, and bacterial cells.
11. Biological molecule group that includes starch and glycogen
13. The region where a substrate binds and the reaction occurs
14. Lowers the activation energy

ACROSS (continued)

15. Molecule that links with others to form proteins

DOWN

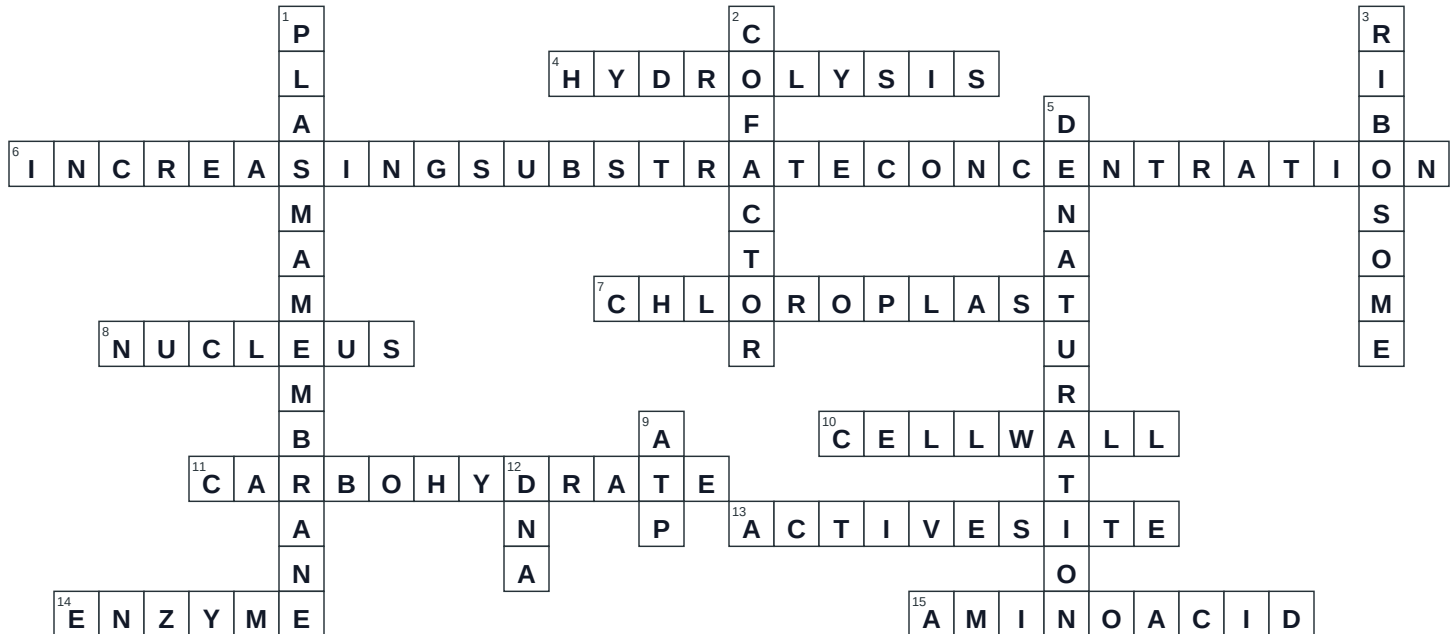
1. Boundary that regulates exchange between a cell and its surroundings.
2. A nonprotein helper required for some enzymes to function
3. Cell structure that assembles proteins.
5. Loss of a protein's functional shape due to altered conditions
9. Molecule that is a major short-term energy-transfer carrier in cells
12. Molecule that stores hereditary information in most cells

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Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

4. Hydrolysis
6. Increasing Substrate Concentration
7. Chloroplast
8. Nucleus
10. Cell wall
11. Carbohydrate
13. Active Site
14. Enzyme

ACROSS (continued)

15. Amino Acid

DOWN

1. Plasma membrane
2. Cofactor
3. Ribosome
5. Denaturation
9. ATP
12. DNA