

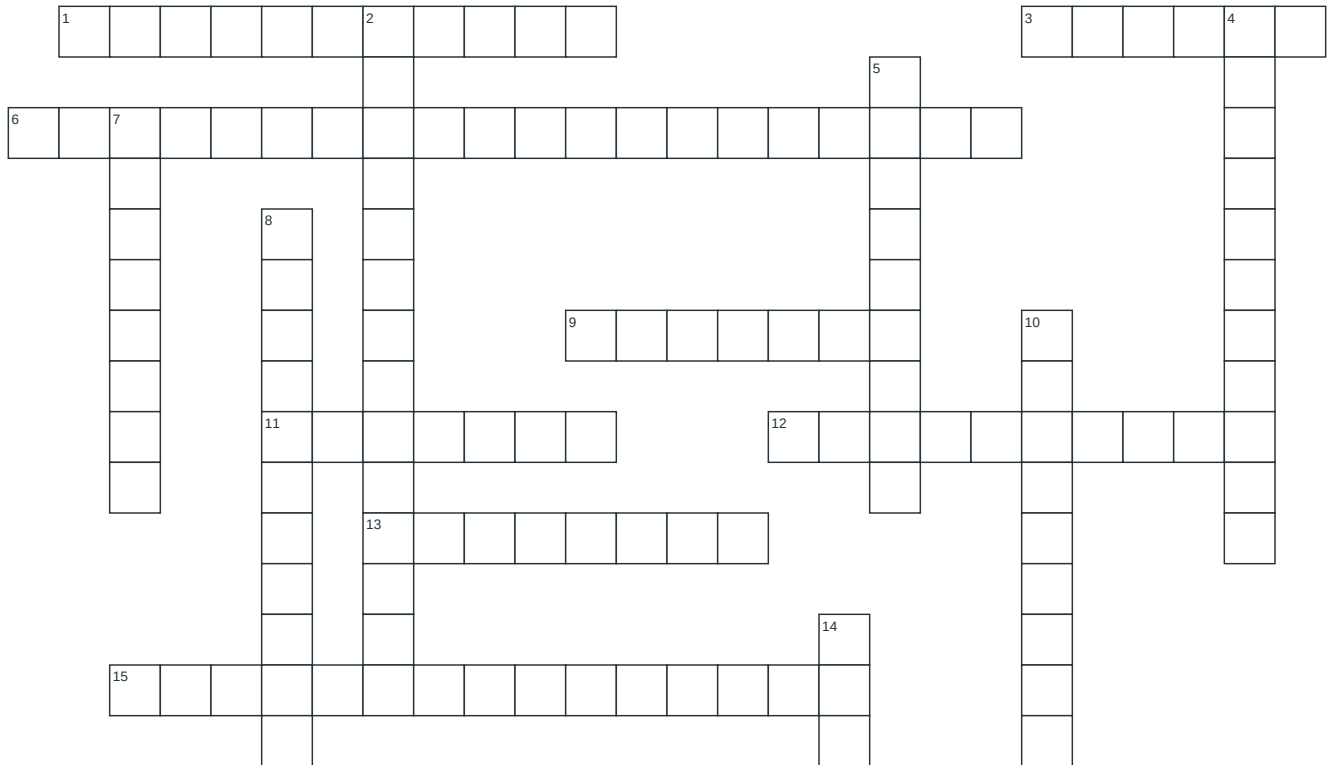
Cell Transport and Homeostasis Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

1. Organelle where photosynthesis occurs in plants and algae.
3. Element whose gas is used in aerobic cellular respiration.
6. Movement down a concentration gradient through membrane proteins
9. Membrane-bound organelle that contains most eukaryotic DNA.
11. Net movement of water across a selectively permeable membrane
12. Release of vesicle contents when a vesicle fuses with the cell membrane
13. Cell structure that assembles proteins.
15. Movement of substances against a concentration gradient using cellular energy

DOWN

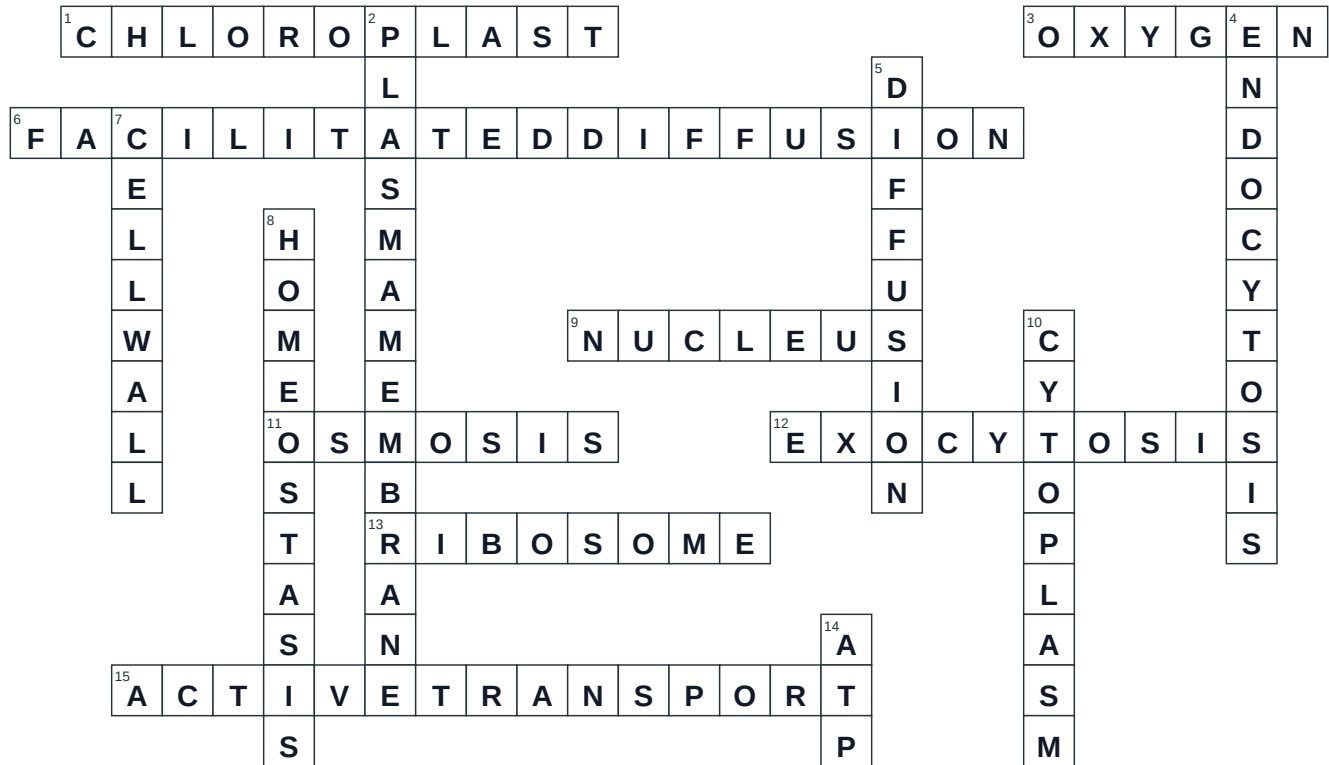
2. Boundary that regulates exchange between a cell and its surroundings.
4. Cellular intake of material by enclosing it in a membrane vesicle
5. Net movement of particles from higher to lower concentration
7. Rigid outer layer that supports many plant, fungal, and bacterial cells.
8. Maintaining internal conditions within suitable ranges
10. Cell contents outside the nucleus and inside the plasma membrane.
14. Molecule that is a major short-term energy-transfer carrier in 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

1. Chloroplast
3. Oxygen
6. Facilitated Diffusion
9. Nucleus
11. Osmosis
12. Exocytosis
13. Ribosome
15. Active Transport

DOWN

2. Plasma membrane
4. Endocytosis
5. Diffusion
7. Cell wall
8. Homeostasis
10. Cytoplasm
14. ATP