

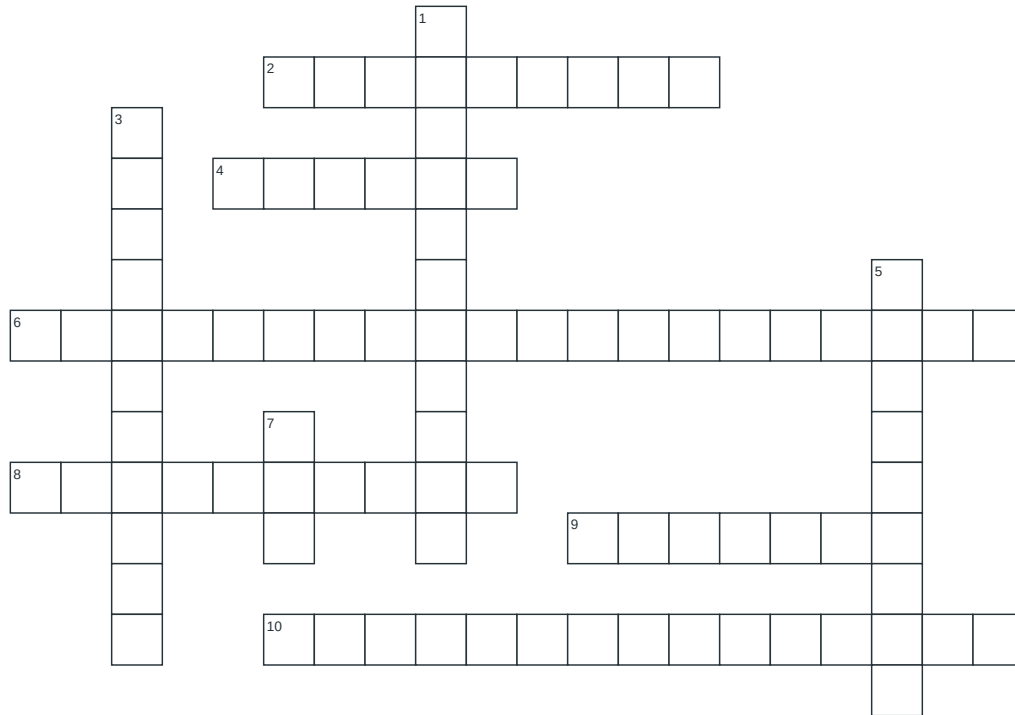
Cell Transport and Homeostasis Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

2. Cell contents outside the nucleus and inside the plasma membrane.
4. Element whose gas is used in aerobic cellular respiration.
6. Movement down a concentration gradient through membrane proteins
8. Release of vesicle contents when a vesicle fuses with the cell membrane
9. Net movement of water across a selectively permeable membrane

ACROSS (continued)

10. Movement of substances against a concentration gradient using cellular energy

DOWN

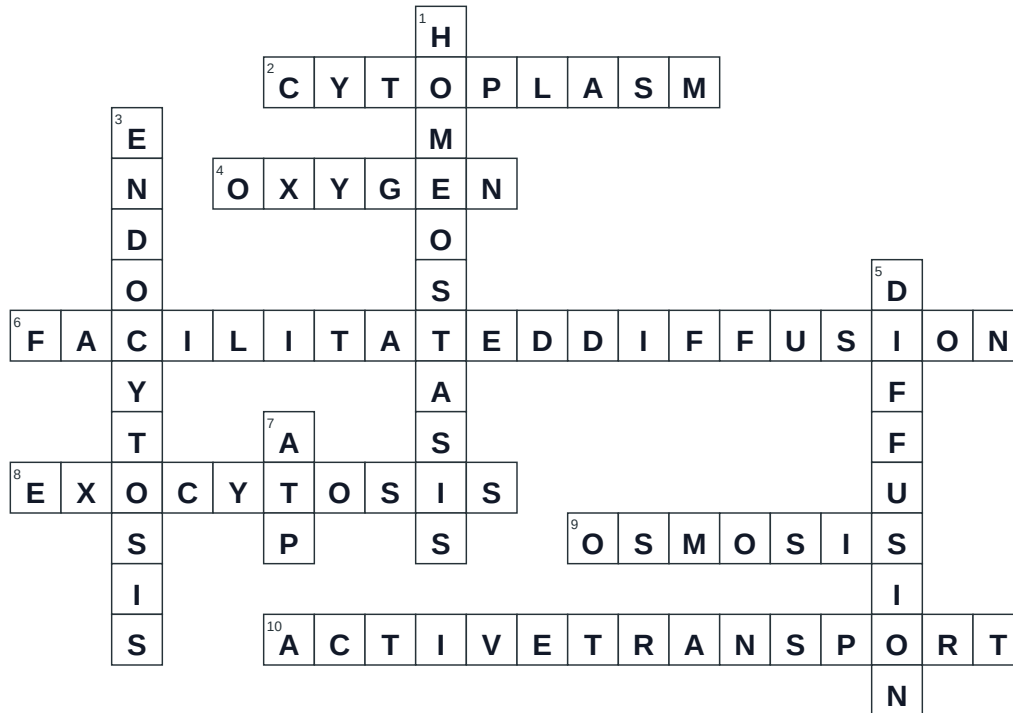
1. Maintaining internal conditions within suitable ranges
3. Cellular intake of material by enclosing it in a membrane vesicle
5. Net movement of particles from higher to lower concentration
7. Molecule that is a major short-term energy-transfer carrier in cells

Cell Transport and Homeostasis Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. Cytoplasm
4. Oxygen
6. Facilitated Diffusion
8. Exocytosis
9. Osmosis
10. Active Transport

DOWN

1. Homeostasis
3. Endocytosis
5. Diffusion
7. ATP

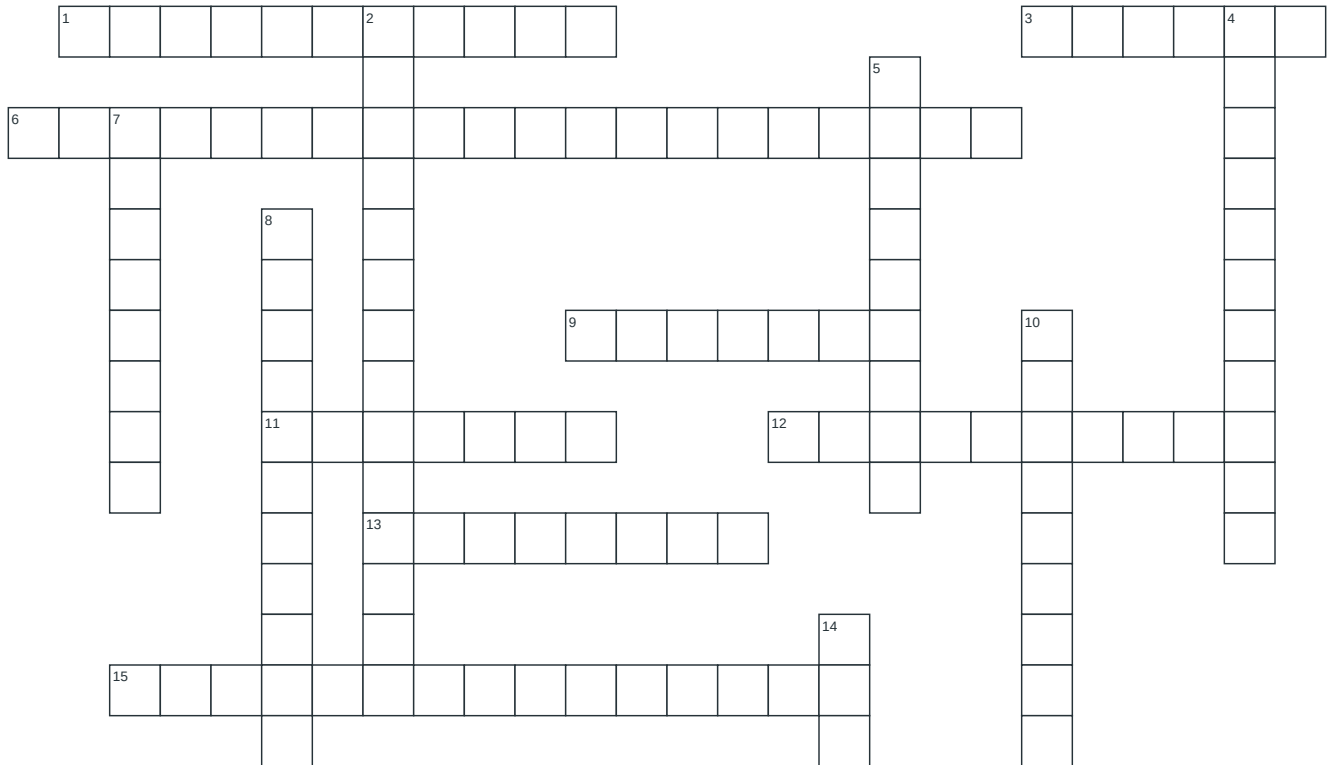
Cell Transport and Homeostasis Crossword

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

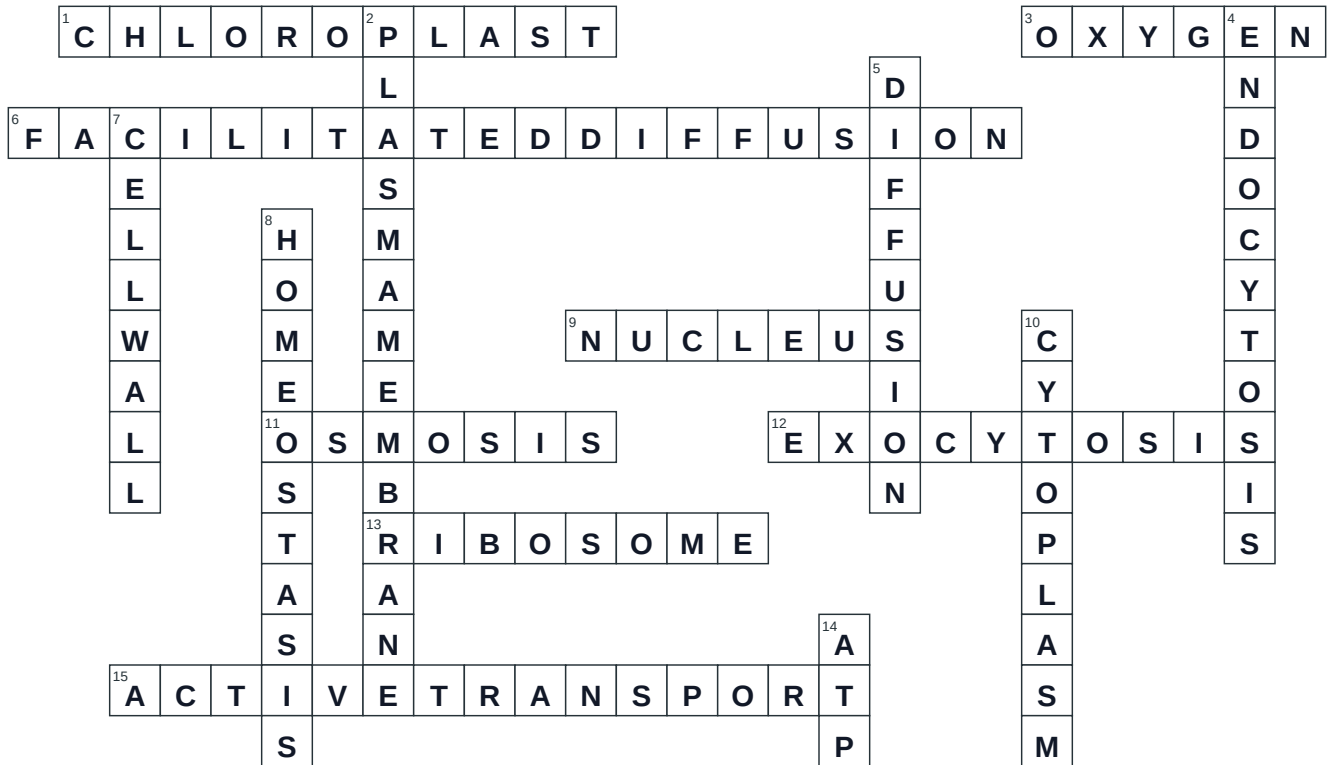
2. Boundary that regulates exchange between a cell and its surroundings.
4. Cellular intake of material by enclosing it in a membrane vesicle
5. Net movement of particles from higher to lower concentration
7. Rigid outer layer that supports many plant, fungal, and bacterial cells.
8. Maintaining internal 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

Cell Transport and Homeostasis Crossword

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

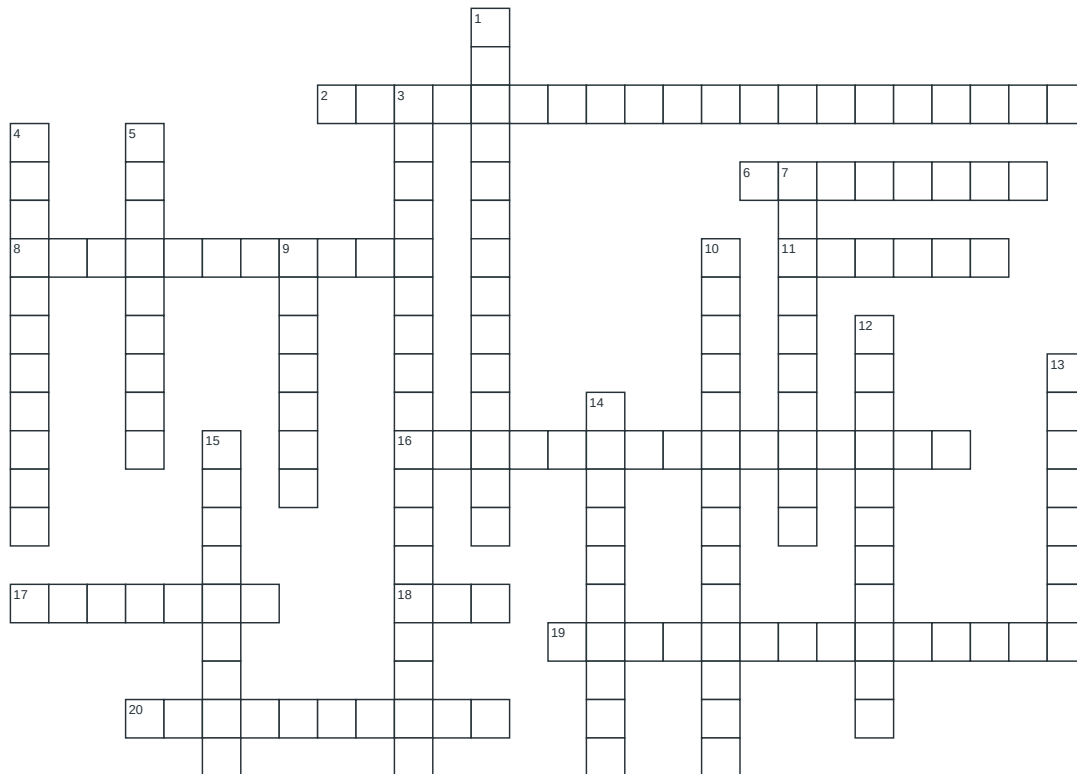
Cell Transport and Homeostasis Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

2. Movement down a concentration gradient through membrane proteins
6. Rigid outer layer that supports many plant, fungal, and bacterial cells.
8. Cellular intake of material by enclosing it in a membrane vesicle
11. Element whose gas is used in aerobic cellular respiration.
16. Movement of substances against a concentration gradient using cellular energy
17. Membrane-bound organelle that contains most eukaryotic DNA.
18. Molecule that is a major short-term energy-transfer carrier in cells
19. Plant-cell compartment that stores water and helps maintain pressure.
20. Cell type that lacks a membrane-bound nucleus.

DOWN

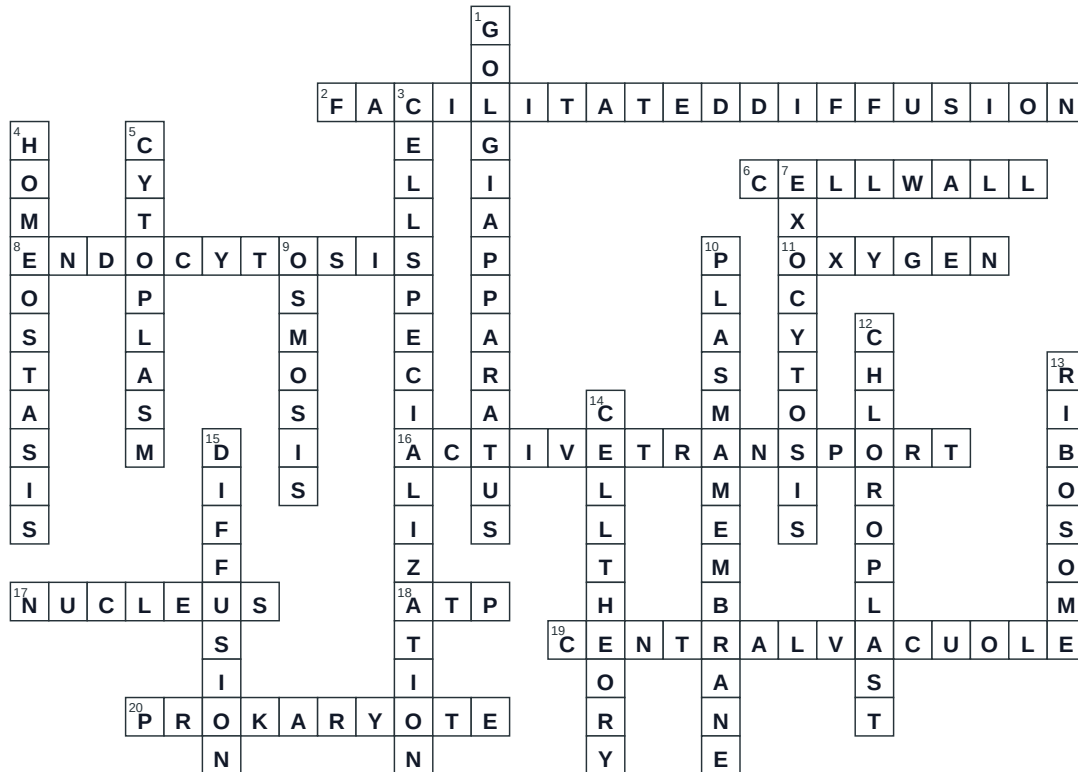
1. Organelle that modifies, sorts, and packages many proteins.
3. Process by which cells develop structures suited to particular functions.
4. Maintaining internal conditions within suitable ranges
5. Cell contents outside the nucleus and inside the plasma membrane.
7. Release of vesicle contents when a vesicle fuses with the cell membrane
9. Net movement of water across a selectively permeable membrane
10. Boundary that regulates exchange between a cell and its surroundings.
12. Organelle where photosynthesis occurs in plants and algae.
13. Cell structure that assembles proteins.
14. States that living things are made of cells and that cells come from existing cells.
15. Net movement of particles from higher to lower concentration

Cell Transport and Homeostasis Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. Facilitated Diffusion
6. Cell wall
8. Endocytosis
11. Oxygen
16. Active Transport
17. Nucleus
18. ATP
19. Central vacuole
20. Prokaryote

DOWN

1. Golgi apparatus
3. Cell specialization
4. Homeostasis
5. Cytoplasm
7. Exocytosis
9. Osmosis
10. Plasma membrane
12. Chloroplast
13. Ribosome
14. Cell theory
15. Diffusion