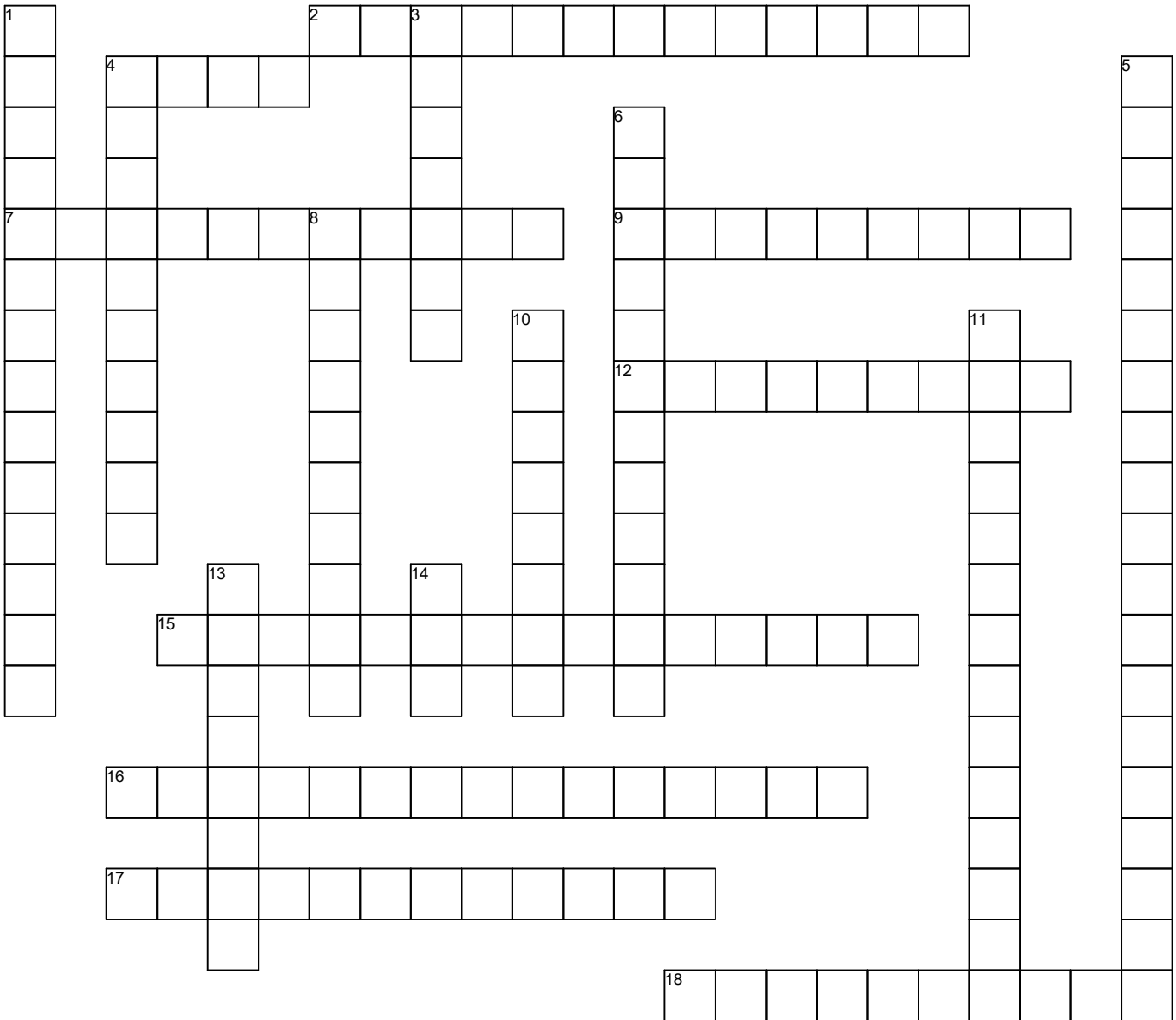


7th Grade Science Vocabulary Review Crossword Puzzle 12

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

2. A method of asexual reproduction; the reproduction of a cell or a one-celled organism by division into two nearly equal parts.
4. The smallest unit that is able to perform the basic functions of life.
7. We live here; weather occurs here; contains 80% of the atmosphere's mass.
9. A violently rotating column of air stretching from a cloud to the ground.
12. A tropical low-pressure system with winds of 74 mph or more.
15. States that every time one object exerts a force on another object, the second object exerts a force that is equal in size and opposite in direction back on the first object.
16. States that objects at rest remain at rest, and objects in motion remain in motion with the same velocity, unless acted on by an unbalanced force.
17. Plant cell organelle containing chlorophyll that captures sunlight and turns it into food (photosynthesis).
18. The transfer of heat energy from one substance to another through direct contact.

chloroplasts
nucleus
Newton's first law
inherited trait
troposphere
hurricane
cell wall

tornadoes
binary fission
DNA
mitochondria
velocity
chromosome

DOWN

1. A disease
3. Contains genetic material a cell needs to reproduce and function; directs all activities.
4. The physical structure in a cell that contains the cell's genetic material.
5. The process by which a single organism produces offspring that have the same genetic material; makes a copy of itself.
6. Produces most of the cell's energy; cellular respiration occurs here. "Powerhouse of the Cell."
8. Unicellular only. No nucleus or organelles with DNA.
10. Speed in a given direction.
11. The genetic transmission of characteristics from parent to offspring.
13. Protective outer covering outside of the cell membrane; plant cells only.
14. The genetic material found in all living cells that contains the information needed for an organism to grow, maintain itself, and reproduce.

Newton's third law
conduction
prokaryote
cell
asexual reproduction
genetic disease