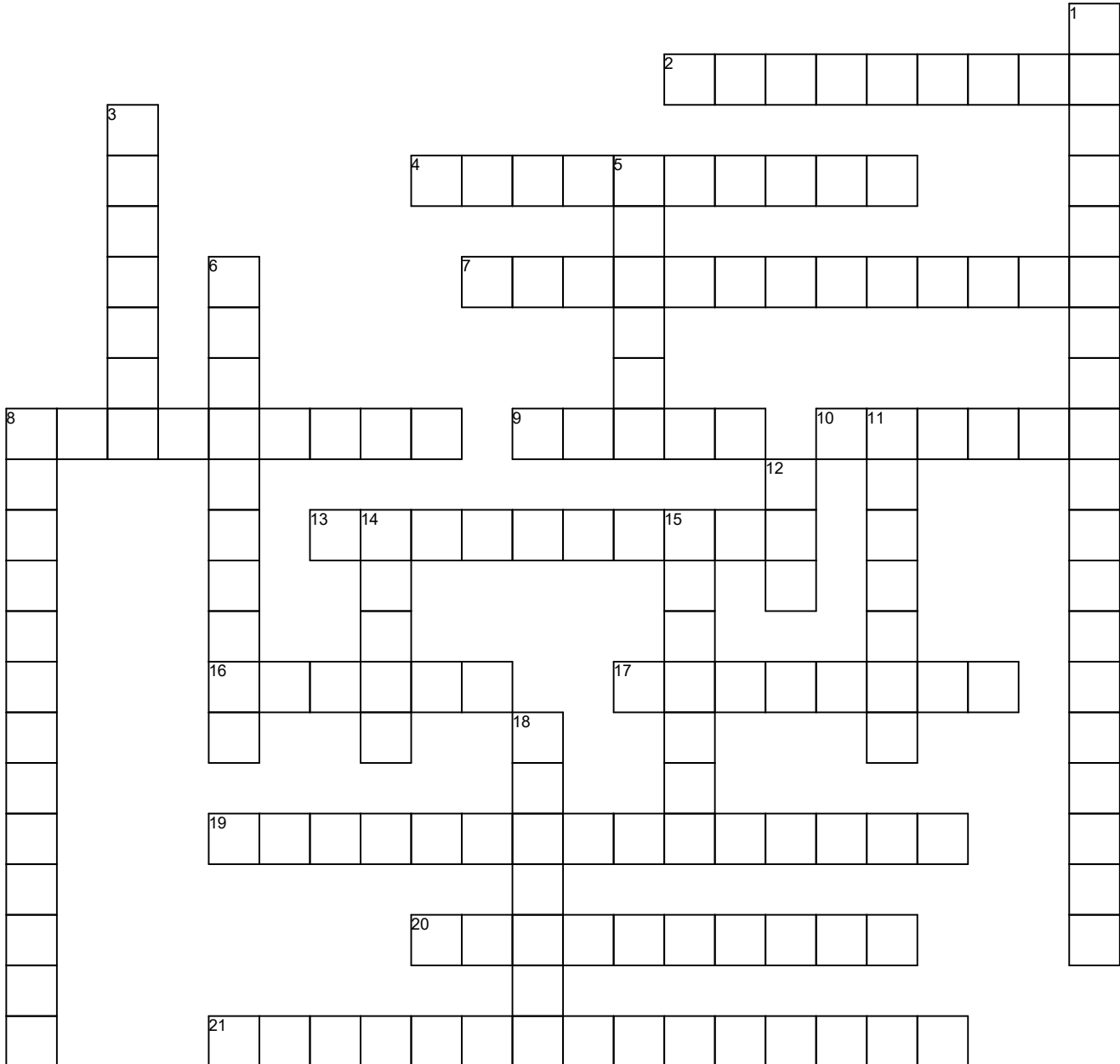


# 7th Grade Science Vocabulary Review Crossword Puzzle 10

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



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## ACROSS

2. A structure in a cell enclosed by membrane that performs a specific function.
4. Unicellular organism; moves to eat using its cilia; asexual reproduction; sweeps food into its "mouth."
7. Part of the process of sexual reproduction in which a male reproductive cell and a female reproductive cell combine to form a new cell that can develop into a new organism.
8. The observable characteristics or traits of an organism.
9. The basic unit of heredity that consists of a segment of DNA on a chromosome.
10. Unicellular organism; moves by stretching and bending; asexual reproduction; engulfs and wraps around its food.
13. The transfer of heat energy from one substance to another through direct contact.
16. Produces magnetic field.
17. A force that resists the motion between two surfaces in contact.
19. An allele that is not expressed when combined with a dominant form of the gene.
20. Coldest layer; meteors burn up here.
21. 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.

organelle  
paramecium  
fertilization  
conduction  
Newton's first law  
magnet  
recessive allele  
genes

chromosome  
phenotype  
motion  
mechanical advantage  
mitosis  
mesosphere  
vacuole

ozone  
amoeba  
pedigree chart  
inertia  
DNA  
meiosis  
friction

## DOWN

1. The number of times a machine multiplies the input force; output force divided by input force.
3. Storage bubbles in cells within cytoplasm.
5. A change of position over time.
6. The physical structure in a cell that contains the cell's genetic material.
8. Shows family relationships including two or more generations.
11. The phase in the cell cycle during which the nucleus divides.
12. The genetic material found in all living cells that contains the information needed for an organism to grow, maintain itself, and reproduce.
14. A gas molecule that consists of three oxygen atoms.
15. The resistance of an object to a change in the speed or the direction of its motion.
18. A part of sexual reproduction in which cells divide to form sperm cells in a male and egg cells in a female. Only occurs in reproductive cells.