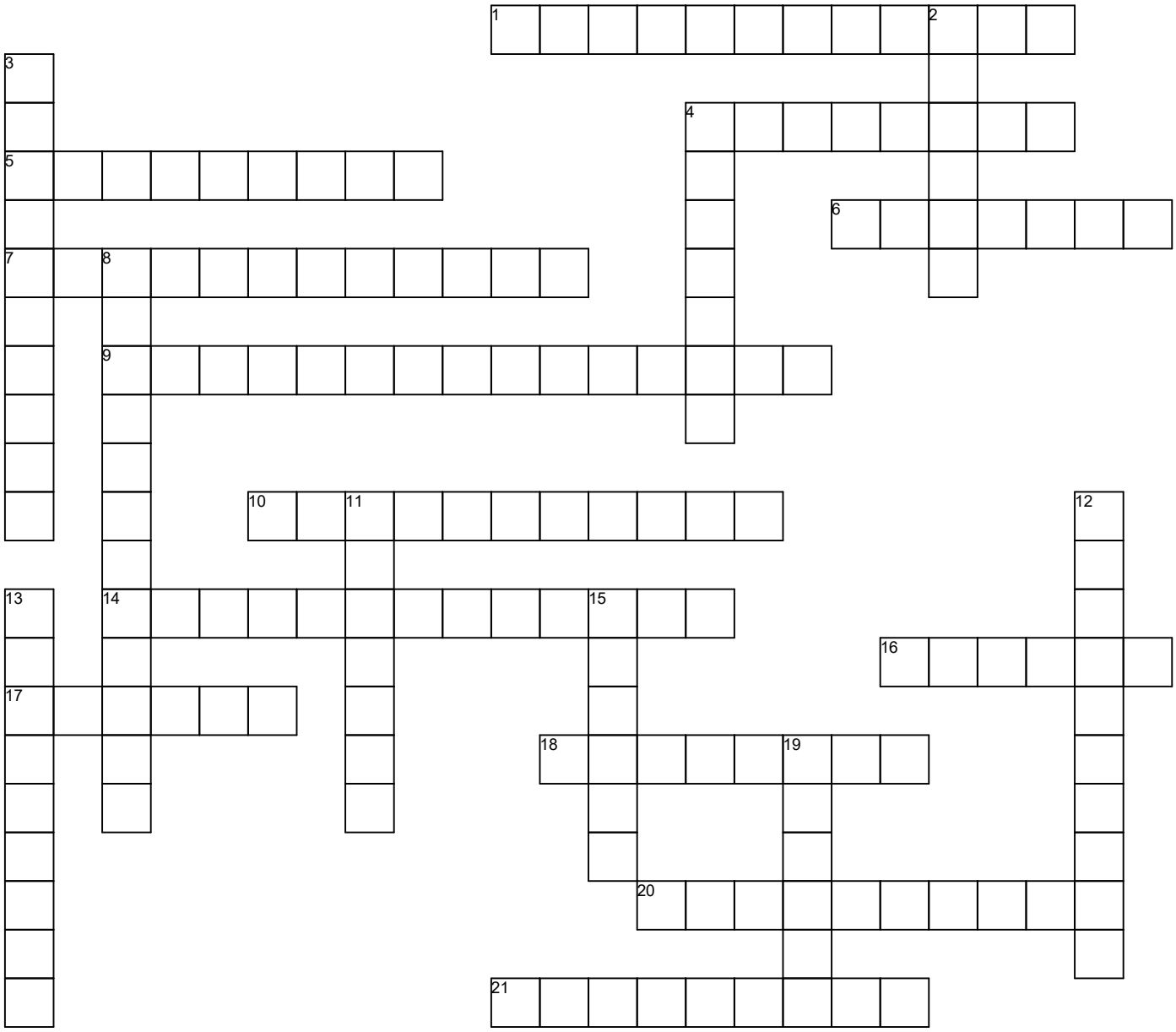
7th Grade Science Vocabulary Review Crossword Puzzle 4

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



ACROSS

1. The state of having different alleles in regard to a given character.
4. The genetic makeup of an organism; all the genes that an organism has.
5. Energy that travels across distances as certain types of waves.
6. The resistance of an object to a change in the speed or the direction of its motion.
7. Produces most of the cell's energy; cellular respiration occurs here."Powerhouse of the Cell."
9. A group of organs that filter waste from an organism's blood and excrete it in a liquid called urine.
10. A condition needed for health and functioning in which an organism or cell maintains a relatively stable internal environment
14. A chart used to show all the ways genes from two parents can combine and be passed to offspring.
16. Green algae that form communities of multicellular spheres; moves by "waves"; mostly asexual reproduction; makes food from sunlight; supplies oxygen to the atmosphere.
17. The ability to do work or heat objects.
18. Protective outer covering outside of the cell membrane; plant cells only.
20. Water in its gaseous state; totally invisible.
21. A tropical low-pressure system with winds of 74 mph or more.

DOWN

2. A colorless, odorless, tasteless nonflammable gas; 21% of atmosphere.
3. Unicellular organism; moves to eat using its cilia; asexual reproduction; sweeps food into its "mouth."
4. The force that objects exert on each other because of their masses.
8. Hottest layer of the atmosphere where the air is very thin, but can feel cold.
11. The phase in the cell cycle during which the nucleus divides.
12. Coldest layer; meteors burn up here.
13. The observable characteristics or traits of an organism.
15. An alternate form of a gene for a specific trait or gene product.
19. Unicellular organism; moves by stretching and bending; asexual reproduction; engulfs and wraps around its food.

gravity
amoeba
inertia
volvox
paramecium
mitochondria
heterozygous
water vapor
hurricane
radiation
thermosphere
oxygen
punnett square
energy
genotype
phenotype
allele
cell wall
excretory system
mesosphere
homeostasis
mitosis