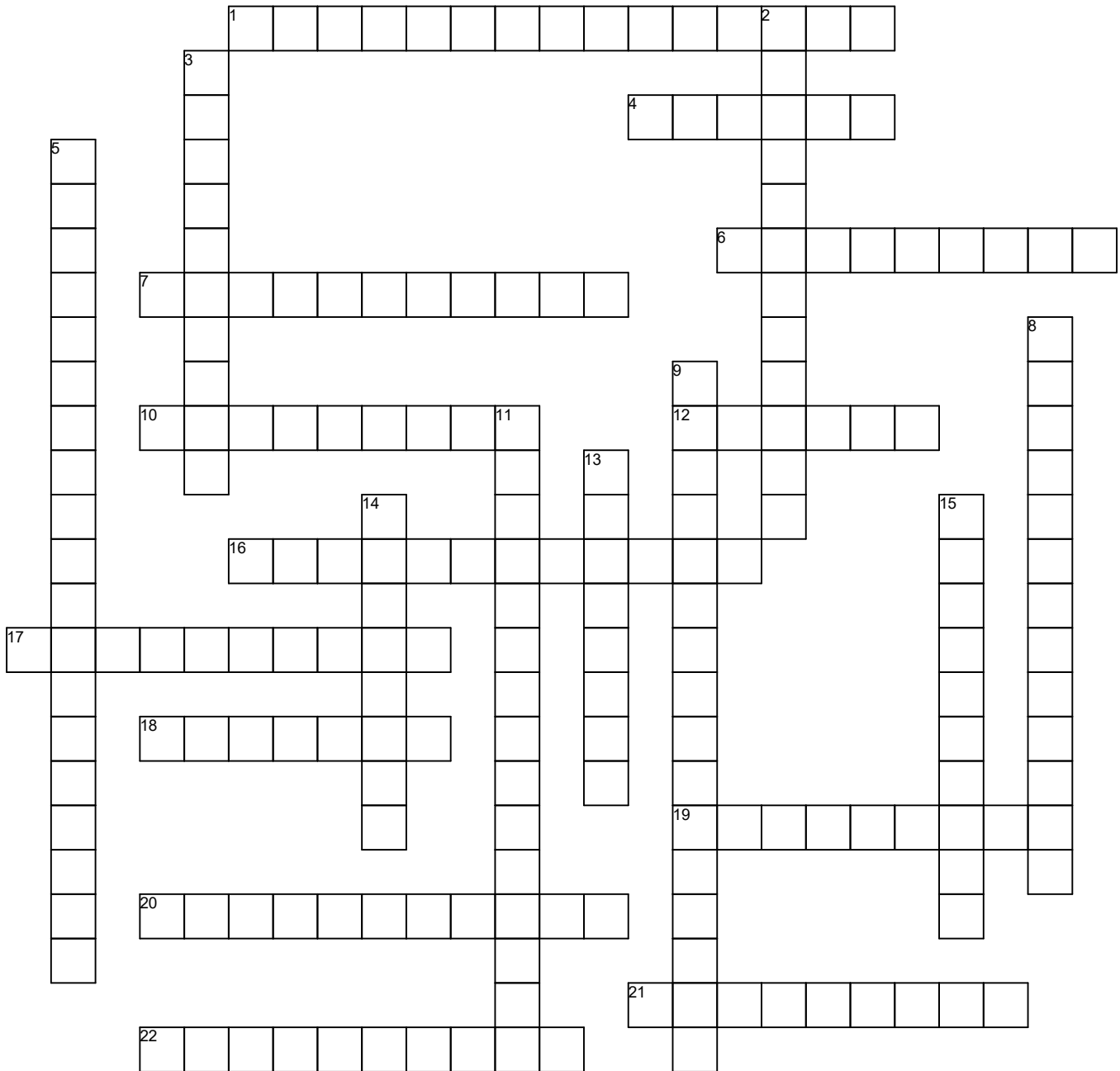


# 7th Grade Science Vocabulary Review Crossword Puzzle 7

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



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## ACROSS

1. The structures in the body that work together to transform the energy and materials in food into forms the body can use.
4. An alternate form of a gene for a specific trait or gene product.
6. A violently rotating column of air stretching from a cloud to the ground.
7. Wavelike contractions of smooth muscles in the organs of the digestive tract; the contractions move food through the digestive system.
10. A tropical low-pressure system with winds of 74 mph or more.
12. The ability to do work or heat objects.
16. The rate at which velocity changes over time.
17. The transfer of heat energy from one substance to another through direct contact.
18. The resistance of an object to a change in the speed or the direction of its motion.
19. The new organisms produced by one or two parent organisms.
20. A condition needed for health and functioning in which an organism or cell maintains a relatively stable internal environment
21. Energy that travels across distances as certain types of waves.
22. The physical structure in a cell that contains the cell's genetic material.

convection  
conduction  
excretory system  
thermosphere  
allele  
homeostasis  
peristalsis  
acceleration

offspring  
energy  
kinetic energy  
asexual reproduction  
velocity  
tornadoes  
mutation

## DOWN

2. Hottest layer of the atmosphere where the air is very thin, but can feel cold.
3. Unicellular organism; moves to eat using its cilia; asexual reproduction; sweeps food into its "mouth."
5. The process by which a single organism produces offspring that have the same genetic material; makes a copy of itself.
8. The energy of motion.
9. States that the acceleration of an object increases with increased force and decreases with increased mass.
11. A group of organs that filter waste from an organism's blood and excrete it in a liquid called urine.
13. Any change made to DNA.
14. Speed in a given direction.
15. The transfer of energy from place to place by the motion of heated gas or liquid.

inertia  
paramecium  
digestive system  
chromosome  
radiation  
Newton's second law  
hurricane