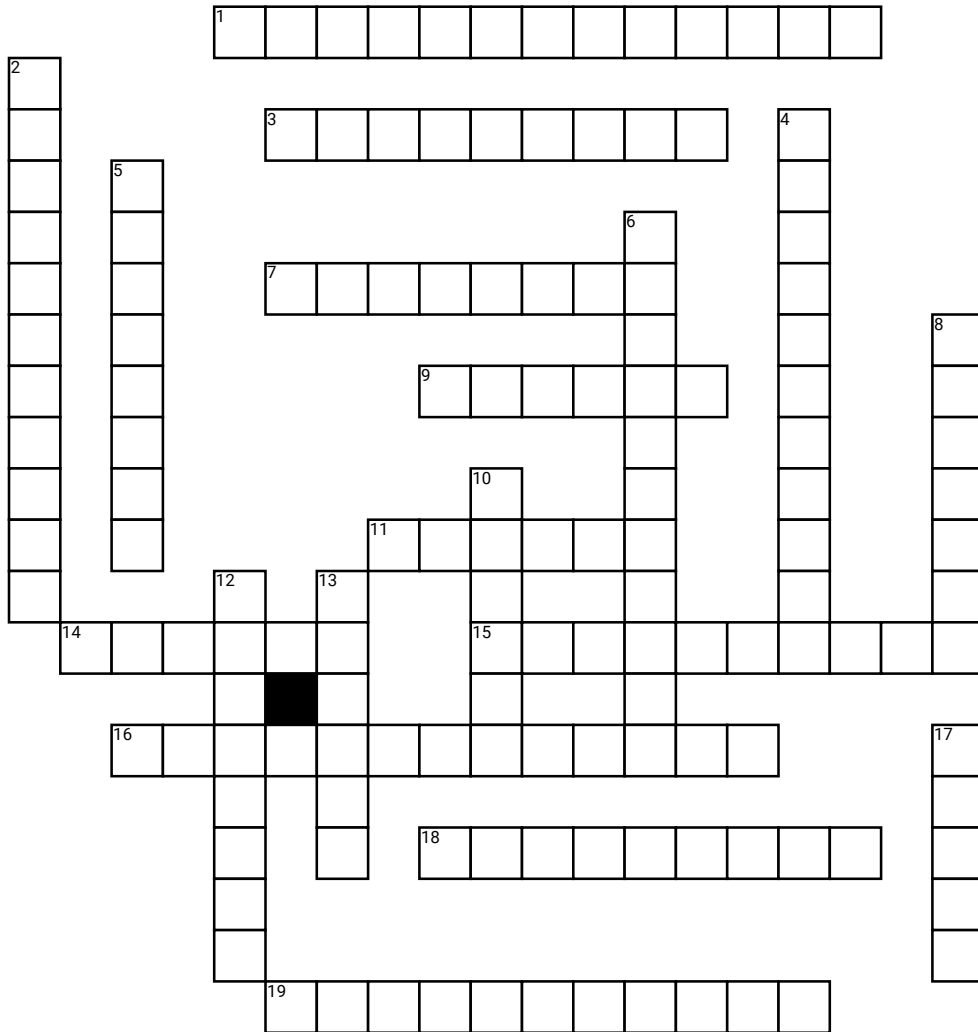


Thermal Energy Vocab



Across

1. the total kinetic energy of all the molecules that make up a sample
3. the moment when two objects hit each other
7. tiny organisms that are made of a single cell
9. anything that has mass and takes up space
11. when something becomes different over time
14. the ability to make things move or change
15. to make something safe to eat or drink by heating it

16. the energy that an object has because it is moving

18. when something stays mostly the same over time

19. a measure of how hot or cold something is

Down

2. a balanced state in which a system is stable, such as when two or more samples are at the same temperature

4. water that is underground

5. a group of atoms joined together in a particular way

6. a heating unit that stores and warms water

8. a number that summarizes a set of data and that can be computed by adding all the numbers in a list and then dividing by the number of numbers in the list

10. A small part that is meant to show what the whole is like

12. to move from one object to another or one place to another

13. a set of interacting parts forming a complex whole

17. to reach a conclusion using evidence and reasoning

Word Bank

Equilibrium

matter

Groundwater

infer

Stability

Transfer

kinetic energy

change

Pasteurize

Collision

molecule

energy

sample

Bacteria

water heater

system

Thermal energy

Average

temperature