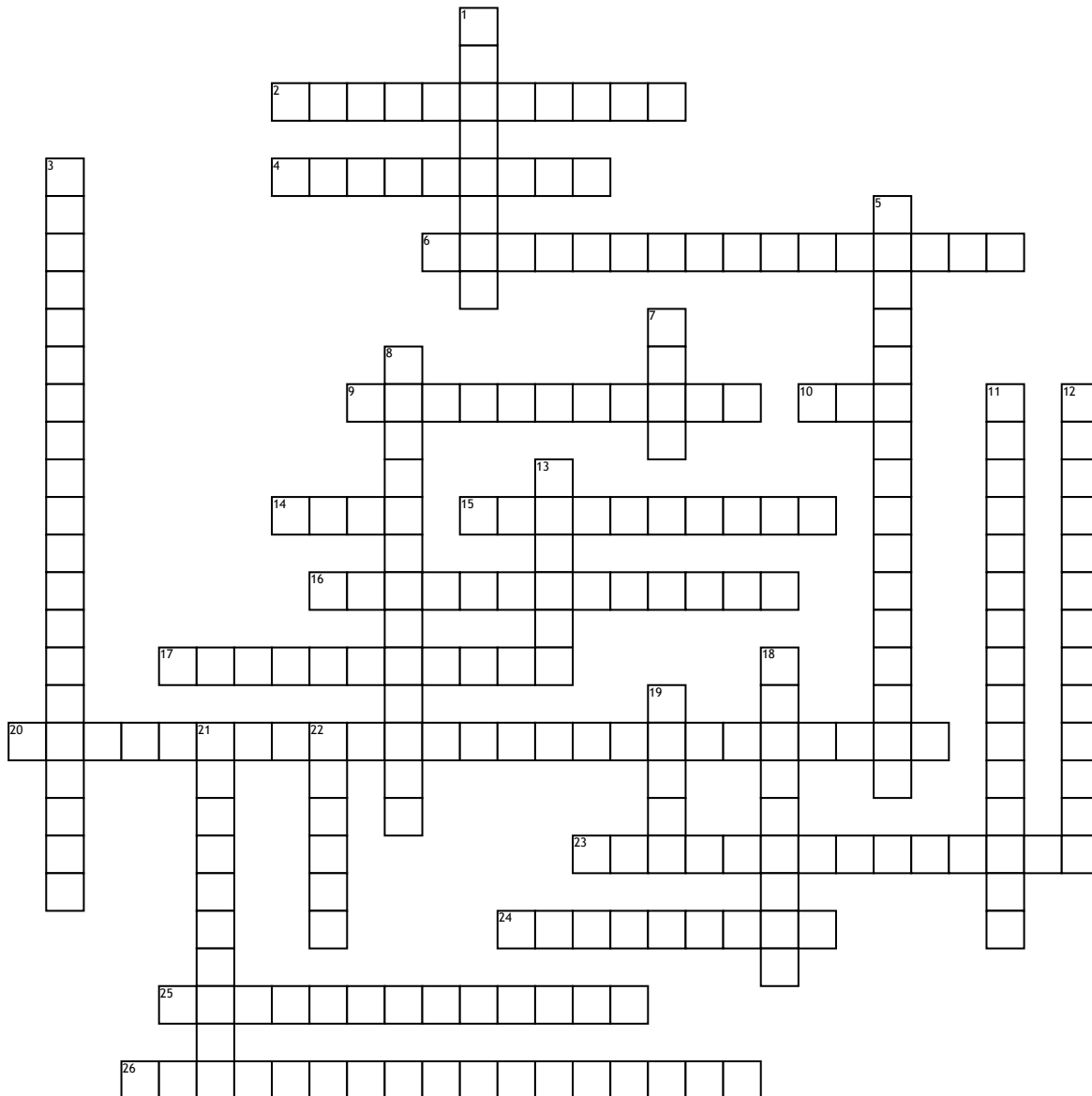


Energy Crossword



Across

2. Average kinetic energy of all the particles in a material, measured by a thermometer
4. A substance that resists electric current or a material that resists the flow of heat
6. A form of energy made available by the flow of electric charge through a conductor
9. A form of energy that exhibits wave-like behavior as it travels through space. Part of the electromagnetic spectrum
10. Most of the energy on Earth comes from the _____.
14. Energy transferred between two objects of different temperatures, moves from warm to cool
15. Transfer of thermal energy that occurs in solids, liquids, and gases when two different substances touch
16. Energy released from splitting atoms

17. A form of energy that is made up of vibrations and requires a medium to travel (air, water, solids)
20. Energy can neither be created nor destroyed, energy just changes form
23. A form of energy produced through reactions that occur in chemical compounds
24. The transfer of energy by electromagnetic rays, may occur in empty space
25. energy of motion
26. A cyclical motion occurs because the density of a fluid is related to its temperature

Down

1. Something measurable that can change
3. The change of energy from one form to another
5. The sum of the motion (kinetic) energy and position (potential) energy of an object or parts of a system

7. A change in temperature, speed, position, pressure, or form of matter as a result of energy applied to a system
8. Energy of motion
11. Energy that is stored in a system or object
12. The total kinetic energy of the tiny particles that make up matter. Faster = more heat
13. The ability of a system to do work. It is required for changes to happen.
18. A substance that allows the flow of electric charge or transfers energy through matter
19. A unit used to measure energy
21. Transfer of thermal energy from one place to another by the movement of fluids
22. A group of interacting or independent parts forming a complex whole