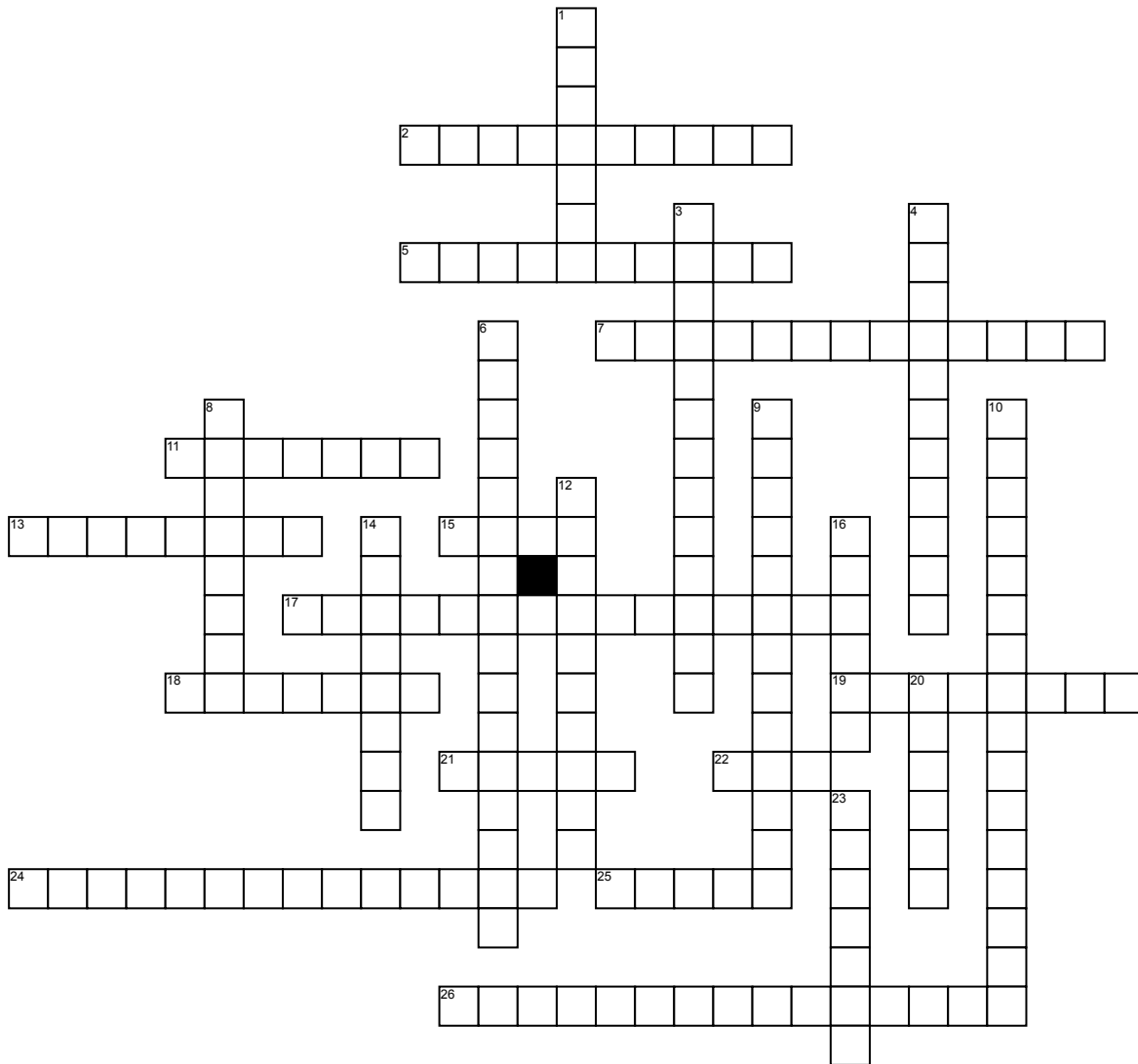


Science Terms



Across

2. is a educated guess
 5. is the transfer of the thermal energy by the movement of a liquid or a gas utilizing convection currents
 7. the total kinetic energy of the particles that make it up
 11. is an attractive force that works to pull objects inertia
 13. a property we can observe without changing the identity of the substance we are looking at
 15. is any disturbance that transmits energy through matter or empty space
 17. uses chemical symbols and subscripts to identify the number and types of atoms of each element that make up a compound

18. is the tendency of an object to resist a change in motion
 19. is the smallest unit of a compound that has all the properties of the compound
 21. is a substance with a definite shape and a definite volume
 22. is a substance that does not have a definite shape or a definite volume
 24. a force which the net forces equal zero
 25. a push or pull on an object

26. stored up energy

Down

1. forms when two or more substance combine without joining chemically
 3. the energy of motion
 4. is caused by an objects vibrations

6. a force which has a net force greater than zero
 8. is the force that opposes the motion of an object
 9. is one having a homogeneous composition
 10. is the potential and kinetic energy added together
 12. is the bouncing back of a wave after it strikes a barrier
 14. a property that may change or react to form another substance
 16. is matter that exists at extremely high temperatures where the particles are broken apart into positive and negatives charges
 20. is a substance with a definite volume, but no definite shape
 23. positively charged particles