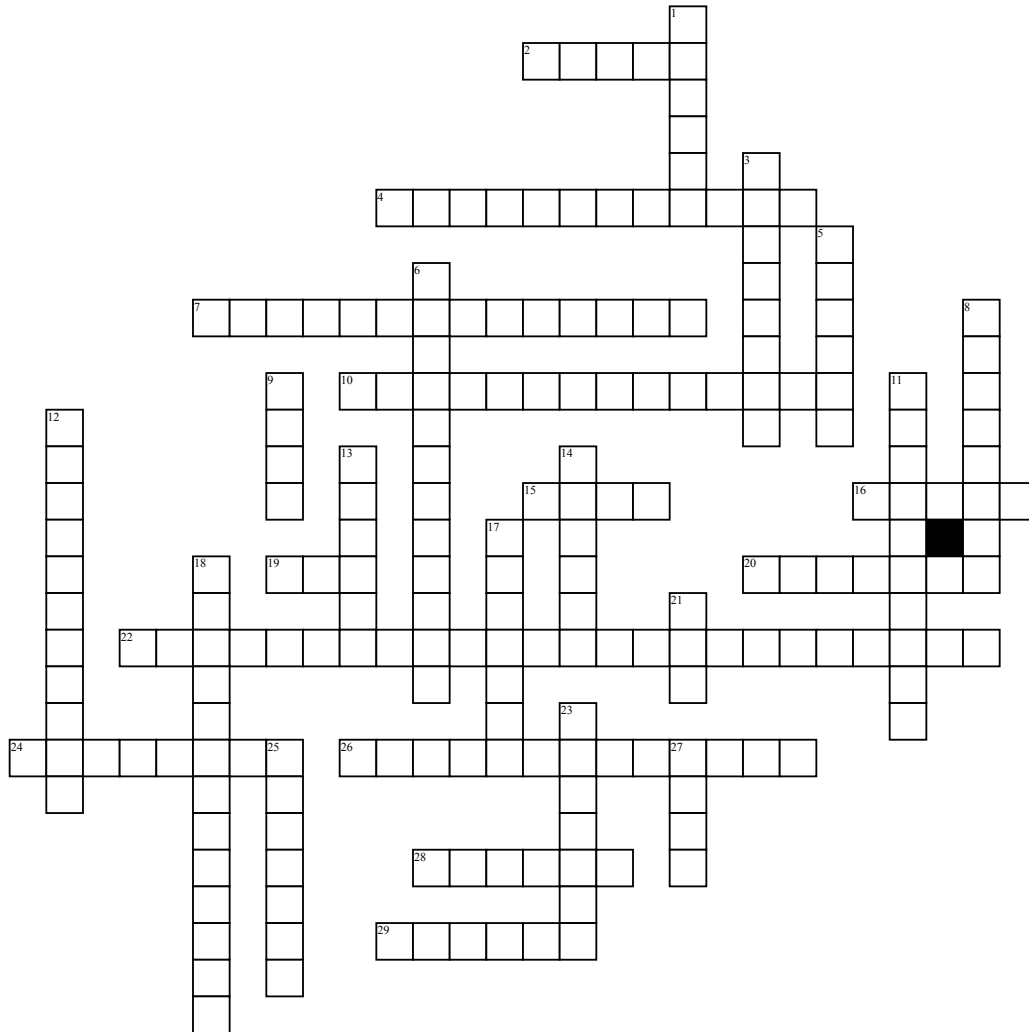


# Science crossword



- Across**
- 2. An influence that causes an object to undergo a certain change
  - 4. water which collects as droplets on a cold surface when humid air is in contact with it
  - 7. a change in which is reversible, no new substance is made
  - 10. what reaction involves the rearrangement of the atoms of one or more substances
  - 15. the distance moved by its point of application along the line of action of the force
  - 16. a rigid state of matter in which the particles align
  - 19. a fluid state of matter in which the particles move fast but are far apart and have little interaction with each other
  - 20. the change of state from a solid to a liquid at the melting point
  - 22. What is the process in which energy can be transformed from one form to another, but can be neither created nor destroyed
  - 24. what is an electrically neutral group of two or more atoms held together by chemical bonds
- Down**
- 1. the amount of force the acceleration of gravity exerts on an object
  - 3. what is a whole formed by a union of two or more elements or parts
  - 5. anything that has mass and takes up space.
  - 6. the process of turning from liquid into vapor
  - 8. the change of state from a liquid to a solid caused by removing energy
  - 9. a measure of the number of atoms in an object combined with the density of those atoms
  - 11. the geological process in which sediments, soil, and rocks are controversial
  - 12. a solid deposit of a substance which has sublimed
  - 13. a fluid state of matter made of extremely high temperature ionized particles
  - 14. Three-dimensional space occupied by a gas, liquid or solid
  - 17. a physical combination of two or more substances
  - 18. a material made of only one kind of element or compound
  - 21. an atom or molecule which has lost or gained one or more electrons
  - 23. what is the natural force that causes things to fall toward the earth
  - 25. a substance that cannot be broken down by chemical means
  - 27. at least one unpaired electron is an

**Word Bank**

nuclear change	mass	sublimation	compound	vaporization
deposition	atom	molecule	Work	Energy
physical change	ion	condensation	chemical change	Weight
volume	mixture	Gas	First law of thermodynamics	Pure substance
Freezing	Element	plasma	matter	melting
Force	liquid	Gravity	solid	