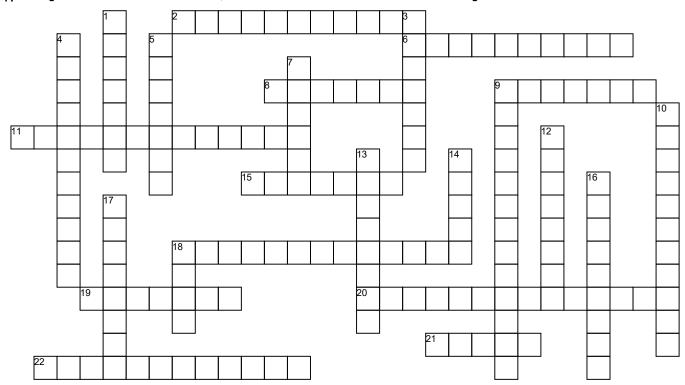
Chemistry Terms Review Crossword Puzzle 9

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



ACROSS

- 2. The process where a solid changes directly into a gas.
- 6. A reaction that releases energy.
- 8. A substance that cannot be broken down into simpler substances.
- 9. A mixture where very small particles of one substance are evenly distributed throughout another.
- 11. Gases that trap heat in the atmosphere.
- 15. A type of synthetic polymer.
- 18. A type of radiation consisting of two protons and two neutrons.
- 19. A regular arrangement of particles in a crystalline solid.
- 20. A technique for separating mixtures based on differences in their movement through a medium.
- 21. A mixture of metals.
- 22. A process that uses electricity to drive a chemical reaction.

DOWN

- 1. The process where a liquid changes into a gas.
- 3. A neutral particle in an atom's nucleus.
- Weak intermolecular forces between molecules.
- 5. A solution where the solvent is water.
- 7. A state of matter similar to gas but consisting of charged particles.
- 9. The amount of solute in a given amount of solvent.
- 10. A substance that conducts electricity when dissolved in water.
- 12. The process where a liquid changes into a solid.
- 13. The study of the rate of chemical reactions.
- 14. A molecule composed of three oxygen atoms, important in the atmosphere.
- 16. Resources that can be replenished naturally.
- 17. A type of electrochemical cell that generates electrical energy.
- 18. A substance that donates protons in a solution.

sublimation element plasma

boiling alloy van der Waals

lattice neutron chromatography

electrolyte kinetics aqueous

alpha particle exothermic plastic

acid renewable concentration

greenhouse gas freezing electrolysis

galvanic ozone colloid