Matter vocabulary crossword puzzle

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|  | 2E |  |  |  |  |  |  |  |  |  |  |  |  |  |  R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  X |  |  |  |  |  |  |  |  |  |  |  |  |  |  O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  T |  |  |  |  |  |  |  |  |  |  |  |  |  |  P |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  E |  |  |  |  |  | 3I |  N |  T |  E |  N |  S |  I |  V |  E |  P |  R |  O |  P |  E |  R |  T |  Y |  |  |  |  |  |  |
|  |  N |  |  |  |  |  |  |  |  |  |  |  |  |  |  R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  S |  |  |  |  |  |  |  |  | 4Q |  U |  A |  L |  I |  T |  A |  T |  I |  V |  E |  |  |  |  |  |  |  |  |  |
|  |  I |  |  |  |  |  |  |  |  |  |  |  |  |  |  Y |  |  |  |  |  | 5C |  |  |  |  |  |  |  |  |
|  |  V |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  H |  |  |  |  |  | 6P |  |  |
|  |  E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 7H |  |  |  |  E |  |  |  |  |  |  H |  |  |
|  |  P |  |  |  |  | 8C |  | 9A |  | 10G |  |  |  |  |  |  |  E |  |  |  |  M |  |  | 11C |  |  |  Y |  | 12P |
|  |  R |  | 13C |  |  |  O |  |  T |  |  A |  |  |  |  | 14S |  |  T |  |  |  |  I |  |  |  H |  |  |  S |  |  H |
| 15H |  O |  M |  O |  G |  E |  N |  E |  O |  U |  S |  M |  I |  X |  T |  U |  R |  E |  |  |  |  C |  | 16D |  E |  N |  S |  I |  T |  Y |
|  |  P |  |  M |  |  |  D |  |  M |  |  |  |  |  |  |  B |  |  R |  |  |  |  A |  |  |  M |  |  |  C |  |  S |
|  |  E |  |  P |  |  |  E |  |  | 17S |  U |  S |  P |  E |  N |  S |  I |  O |  N |  |  |  L |  |  |  I |  |  |  A |  |  I |
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|  |  T |  |  U |  |  |  S |  | 18Q |  U | 19A |  N |  T |  I |  T |  A |  V |  E |  |  |  |  R |  |  |  A |  |  |  P |  |  A |
|  |  Y |  |  N |  |  |  A |  |  |  |  T |  |  |  |  |  N |  |  N |  |  |  |  O |  |  |  L |  |  |  R |  |  L |
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| **Across****3.** property of a substance that do not depend on the amount of the substance present**4.** related to the description of something in non numerical terms**15.** a mixture with a uniform composition **16.** the quantity of mass per unit volume**17.** a heterogeneous mixture containing particles large enough to settle**18.** related to the description of something in numerical terms**20.** a state of matter where the shape is constant and rigid, where the volume is constant, and where the particles vibrate in a fixed position**22.** the amount of matter in a oblect**23.** a homogeneous aqueous mixture**24.** a homogeneous mixture in which the paricles are indefinitly suspended in the medium which may be a gas, a liquid, or a solid**27.** the effect that occurs when light is scattered through a colloid, causing the light beam light beam to become visible as it travels through the mixture**28.** a state of matter that has no fixed shape or structure, such as a liquid or gas**29.** one of the primary substances that make up matter and cannot be chemically broken sown or converted into other substances; defined by the atomic number | **Down****1.** the physical and chemical characteristics of a substances or element**2.** properties of a substance that are dependent on the amount of a substance present**5.** properties that include all of the possible chemical changes that a sample of matter can go through**6.** properties that describe matter including color, feel ,smell, boiling point, melting point, and density**7.** a mixture with a non uniform composition in which the individual components are distinct and visible**8.** the process by which a sample of matter changes from a gasous state to a liquid state**9.** the smallest unit of an element that has all the properties of that element containing a nucleus within an electron cloud**10.** a state of matter where the shape and volume are variable and dependent on the shape of the closed container and where the particles are completely independent of an alter**11.** a change that occurs when a new substance is created with different properties; observable as a color change, the production of a gas or a precipitate, or the realease of heat or light**12.** a change that does not change the chemical identity of a substance, such as changes of phase, temperature, shape or concentration**13.** a substance compsed of multiple elements combined in fixed proportions**14.** elements or compounds that can only be seperated or combined to make substances with new properties by means of chemical reaction**19.** the mass of a single atom**21.** the gaseuous of a sample of matter that would other wise be a liquid or gas at room temperature**25.** a state of matter where the shape is variable and dependent on the shape of the container, the volume is constant, and the particles move independently within the substance**26.** anything that has volume or mass |