Matter/Physical/Chemical Changes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2M |  E |  L |  L |  E |  A |  B |  I |  L |  I |  T |  Y |  |  |
|  |  |  |  |  |  |  |  |  | 3D |  |  |  |  |  | 4C |  |  |  |  |  |  |  |  |  I |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  E |  | 5L |  |  |  |  H |  |  |  |  |  |  | 6M |  |  N |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  N |  |  I |  |  |  |  E |  |  |  | 7S |  | 8W |  E |  I |  G |  H |  T |  |  |  |
|  |  |  |  |  |  |  |  |  |  S |  |  Q |  |  |  |  M |  |  |  |  O |  |  |  L |  |  P |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  I |  |  U |  |  |  |  I |  |  |  |  L |  |  |  T |  |  O |  |  |  |  |  |
|  |  |  | 9C |  | 10E |  L |  E |  C |  T |  R |  I |  C |  A |  L |  C |  O |  N |  D |  U |  C |  T |  I |  V |  I |  T |  Y |  |  |  |
|  |  |  |  H |  |  |  |  |  |  Y |  |  D |  |  |  |  A |  |  |  |  B |  |  |  N |  |  N |  |  | 11P |  |  |
|  |  |  |  E |  |  |  |  |  |  |  |  |  | 12S |  O |  L |  I |  D |  |  I |  |  |  G |  |  T |  |  |  H |  |  |
|  |  |  |  M |  |  | 13G |  |  |  |  |  |  |  |  |  P |  |  |  |  L |  |  |  P |  |  |  |  |  Y |  |  |
|  |  |  |  I |  | 14L |  A |  W |  O |  F |  C |  O |  N |  S |  E |  R |  V |  A |  T |  I |  O |  N |  O |  F | 15M |  A |  S |  S |  |  |
|  |  |  |  C |  |  |  S |  |  |  |  |  |  |  |  |  O |  |  |  |  T |  |  |  I |  |  A |  |  |  I |  |  |
|  |  |  |  A |  |  |  |  |  |  |  |  |  |  |  |  P |  |  |  |  Y |  |  |  N |  |  S |  |  |  C |  |  |
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|  |  | 17T |  H |  E |  R |  M |  A |  L |  C |  O |  N |  D |  U |  C |  T |  I | 18V |  I |  T |  Y |  |  |  |  |  |  |  P |  |  |
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|  |  |  |  | 19P |  H |  Y |  S |  I |  C |  A |  L |  C |  H |  A |  N |  G |  E |  |  |  |  |  |  |  |  |  |  R |  |  |
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| **Across****2.** the ablility of a substance to be rolled and pounded into various shapes**8.**  is a measure of the gravitational force on an object**10.** measure of how well an electric current can move through a substance**12.** substance has a definite volume and shape**14.** mass is not created or destroyed but is only transformed into different substances**16.**  anything that has mass and takes up space**17.**  the rate at which a substance transfers heat**19.** is a change that affects onr or more physical properties of a substance | **Down****1.** temperature at which a substance changes from a liquid to a gas**3.**  a measure of the amount of matter in a given volume**4.** property that describes a substance's ability to participate in chemical reactions**5.** substance has a definite volume but not a definite shape**6.** temperature at which a substance changes from a solid to a liquid**7.**  the ablilty of a substance to dissolve in another substance**9.** occurs when one or more substances change into entirely new substances with different properties**11.**  characteristic of a substance that does not involve a chemical change, such as density, hardness and color**13.** does not have a definite volume or shape**15.**  describes the amount of matter in an object**18.** amount of space that an object takes up or occupies |