Unit 10 Vocab

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|  |  |  |  |  |  |  |  |  |  | 7G |  A |  S |  |  |  |  |  E |  | 8I |  N |  S |  U |  L |  A |  T |  O |  R |  |  |
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|  |  |  | 9L |  A |  W |  O |  F |  C |  O |  N |  S |  E |  R |  V |  A |  T |  I |  O |  N |  O |  F |  E |  N |  E |  R |  G |  Y |  |  |
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|  |  |  |  |  |  |  |  |  |  | 10C |  O |  N |  V |  E |  C |  T |  I |  O |  N |  C |  U |  R |  R |  E |  N | 11T |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 12C |  |  |  H |  |  |  | 13S |  |  Y |  |  |  E |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 14C |  O |  N |  V |  E |  C |  T |  I |  O |  N |  |  |  |  R |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  | 15C |  O |  N |  D |  U |  C |  T |  O |  R |  |  I |  |  |  |  |  A |  |  |  |
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| **Across****4.** the energy that is transferred from a warmer object to a cooler object**6.** has a definite volume but no shape of its own**7.** has neither a definite shape nor a definite volume**8.** materials that do not conduct heat well**9.** the scientific principle that energy is neither lost nor created**10.** a stream of fluid propelled by thermal convection**14.** a type of heat transfer that occurs through the movement of fluids, which can be solid, liquid, or gas**15.** a material that conducts heat well**16.** a measure of the average kinetic energy of the particles in a substance**17.** energy which a body possesses by virtue of being in motion | **Down****1.** the expanding of matter when it is heated**2.** the energy possessed by a body by virtue of its position relative to others, stresses within itslef, electric charge, and other factors**3.** the transfer of energy by electromagnetic waves**5.** the amount of energy required to raise the temperature of 1 kilogram of a material by 1 kelvin**11.** the total kinetic and potential energy of all the particles in an object**12.** the transfer of heat from one particle of matter to another within an object or between two objects that are in direct contact**13.** has a definite shape and definite volume |