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Energy Transformation Cross Word Puzzle

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| **Across**  **2.** Process by which heat energy is transferred through a solid object  **9.** Whenever energy changes from one form to another from  **11.** A wave that requires a medium to travel  **13.** The number of waves per second  **15.** A wave that does not require a medium to travel  **17.** Energy an object has because of its motion  **19.** To take on heat energy from another object  **20.** The measurement of heat energy | **Down**  **1.** Particles with 2 different heat  **3.** The ability to bring about some sort of change  **4.** The distance from the resting position to the crest  **5.** A form of Kinetic Energy  **6.** When particles rub together and produce heat  **7.** Process by which heat energy is transferred through a liquid or gas  **8.** The amount of matter that is contained in an object  **10.** Emitting radiant energy in the form of waves  **12.** Object has been lifted to some height  **14.** The distant above the ground  **16.** Highest point of the wave  **18.** Lowest point of the wave |

   Thermal Equilibrium       Crest       Mechanical Wave        convection       conduction       kinetic energy       Energy       Mass       through       GPE       Electromagnet Wave       Temperature       Height       Amplitude       Radiation       Absorb       Friction       Transformation       Frequency       Heat Energy