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Energy

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| **Across**  **2.** The energy associated with the motion and position of everyday objects  **3.** The energy associated with electric charges  **4.** The energy stored in the atomic nuclei  **6.** The chemical energy stored in living things  **10.** The potential energy of an object that is stretched or compressed  **11.** Thermal energy beneath earths surface  **13.** The energy of motion is called  **15.** A form of energy into space and is the source, either directly or indirectly, of most of the worlds energy supplies  **17.** The total potential and kinetic energy of all the microscopic particles in an objects make up  **18.** Oil natural gas and coal are known as what?  **19.** Potential energy that depends on an objects height  **20.** Exist in limited quantities and once used cannot be replaced except over the course of millions of years  **21.** Finding ways to use less energy or to use energy more efficiently | **Down**  **1.** Resources that can be replaced in a relatively short period of time  **5.** Energy obtained from flowing water  **7.** The process of changing energy from one form to another  **8.** Energy that is stored as a result of position or shape  **9.** The energy in the chemical bonds  **12.** Sunlight that is converted into usable energy  **14.** Generates electricity by reacting hydrogen with oxygen  **16.** The ability to do work |

   Energy        Kinetic energy        Potential energy        Gravitational potential energy        Elastic potential energy        Mechanical energy        Thermal energy        Chemical energy        Electrical energy        Electromagnetic energy        Nuclear energy        Energy conversion        Non renewable energy resources        Fossil fuels        Renewable energy resource        Hydroelectric energy        Solar energy        Geothermal energy        Biomass energy        Hydrogen fuel cell        Energy conservation