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Section 1 Physical Science

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| **Across****2.** Matter that always has the exact same composition.**5.**  (milk) substance with medium or intermediate sized particles.**7.** Materials ability to allow heat to flow.**10.**  State of matter where materials have a definite shape and a definite volume**11.** State of matter where a material has neither a definite shape nor a definite volume.**13.** Property that describes how a substance combines chemically with other substances.**17.** Any solid that separates from a liquid mixture.**19.** Substances that are made from two or more simpler substances.**20.** (muddy water) Heterogeneous mixture that separates over time.**21.**  Substance that is made by mixing two or more substances together.**22.** The ability of a solid to be hammered without shattering.**23.** Substances that can't be broken down into simpler substances.**24.** Material that has a definite volume but not a definite shape.**25.** ability a material has to burn during the presence of oxygen.**26.** Changes from a liquid to a gas. (boils) | **Down****1.** The process that separates substances in a solution based on boiling points.**3.**  Tendency of a liquid to keep from flowing.**4.** The ability to produce change in the composition of matter.**6.** Characteristics that can be observed or measured without changing the composition of a materials substance.**8.** Energy an object has due to its motion.**9.** Changes from a solid to a liquid.(melts)**12.** When a substance reacts and forms one or more new substances.**14.**  (windshield wiper fluid) substance with large particles.**15.** The process that separates materials based on the size of their particles.**16.** Extremely small amount of a substance that can't be broken down. **18.** Occurs when some properties of a material change. |