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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. |