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Vocabulary: Phases of Matter

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| **Across**  **3.** The amount of matter in an object.  **5.** The change of a substance from a gas to a liquid.  **8.** A visible gas that is created by heat.  **10.** Two or more substances put together that can be easily separated.  **11.** How compact mater is in an object.  **12.** Based on verifiable evidence that is verified by an experiment.  **13.** A very small portion or amount of something  **14.** A mixture of two or more substances that dissolve to form a new substance. | **Down**  **1.** The state of being accurate or exact.  **2.** Characteristics of matter that can be observed or measured.  **4.** The change of a substance from a liquid to a gas.  **6.** Anything that takes up space.  **7.** To be repeated or duplicated.  **9.** The process of rotting or losing quality. |

   Matter       Mass       Condensation       Evaporation        Vapor       Density       Particles       Empirical Observations       Precision        Decay       Replicate       Physical properties       Mixture       Solution