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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