

## Science Vocabulary No. 2<sup>1</sup>

- Matter** Anything with mass, that occupies space
- Mass** The quantity or amount of matter that an object possesses
- Solid** The state of matter having a definite shape and volume.
- Homogeneous** Matter that has uniform properties throughout.
- Heterogeneous** Matter without uniform composition, having two or more components or phases.
- Mixture** Matter consisting of two or more substances. Mixtures may be homogeneous or heterogeneous.
- Phase** A homogeneous part of a system separated from other parts by a physical boundary.
- System** A body of matter under consideration.
- Substance** Matter that is homogeneous, having a definite and fixed composition.
- Amorphous** A formless, unstructured material. Refers to a solid.
- Liquid** The state of matter in which the particles move about freely, while the substance retains a definite volume.
- Gas** The state of matter that has no definite shape or volume, so the substance completely fills its container.

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<sup>1</sup> Foundations of College Chemistry, Morris Hein, Susan Arena, John Wiley & Sons, 12<sup>th</sup> Edition, 2007, Glossary – G1-G-11.

