

Matter

Study Guide & Review Worksheets

Matter

Terms to Know

- **Matter**, Anything that has mass and takes up space
- **Mass**, The amount of matter in an object
- **Atoms**, Tiny particles that matter can be subdivided into

Mixtures and Solutions

Mixtures

A mixture is when two or more substances are combined. They do not lose their characteristics.

Examples



soil



concrete



mud puddle

Solutions

Solutions are a special type of mixture in which one substance is uniformly dissolved in a liquid.

Examples



sugar water



soda



salt water

Temperature and Phase Changes

Matter can change from one state to another when the temperature increases or decreases.

When the temperature increases, a solid will change to a liquid and then to a gas.

Example:

When a pot of water is put on a hot stove, it boils. The liquid water changes to water vapor.



When the temperature decreases, a gas will change to a liquid and then to a solid.

Example:

When liquid freeze pops are put into a freezer, they become solid.



Mass and Phase Changes

Matter does not gain or lose mass during phase changes.

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Terms to Know

Anything that has mass and takes up space. Matter in an object can be subdivided into atoms.

Mixtures and Solutions

Solutions

Solutions are a special type of mixture in which one substance is uniformly dissolved in a liquid.

List 3 examples:

Temperature and Phase Changes

Matter can change from one state to another when the temperature increases or decreases.

When the temperature increases, a solid will change to a liquid and then to a gas.

Example:

Mass and Phase Changes

Matter does not gain or lose mass during phase changes.

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Reader's Guide to Periodical Literature Supplement ,1916 These vols contain the same material as the early vols of Social sciences humanities index Ideas for Teaching English in the Junior High and Middle School Candy Carter,Zora

Rashkis,1980 The nearly two hundred activities in this teaching guide for language arts in the junior high and middle school are arranged in five sections studying language communicating orally reading and reading literature writing and listening and viewing Each section opens with a list of activities a brief introductory statement and suggested reading Sections are subdivided to help teachers locate activities related to particular curriculum units or areas of special interest All activities were adapted to fit a unified format purpose preparation and presentation Approximately half of the activities contain material that should be distributed to students and these material sheets are printed separately for ease of reproduction and are presented in a special section The appendix contains articles on parental involvement in the language arts program and on a two year program in junior high school writing MKM **Study Guide Plus Sociology** Gwendolyn E. Nyden,1998-08

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