

## An ELEMENTary Word Puzzle

After you finish reading the chapter, identify each term described by the clues. Then find and circle each term in the puzzle on the next page. Words may appear forward or backward, horizontally, vertically, or diagonally.

Solubility

1. amount of solute needed to make a saturated solution using a given amount of solvent at a certain temperature

Colloid

2. mixture in which dispersed particles are too light to settle out

Solvent

3. substance in which another is dissolved

Concentration

4. can be expressed as grams of solute per milliliter of solvent

Element

5. pure substance that cannot be separated into simpler substances by physical or chemical means

Mixture

6. two or more substances that are combined physically, not chemically

Compound

7. pure substance made up of at least two elements that are chemically combined

density

8. characteristic property measured in grams per cubic centimeter that tells a substance's mass per unit volume

Metalloid

9. element that has properties of both metals and nonmetals

Alloy

10. solid solution of a metal or a nonmetal dissolved in a metal

Solute

11. dissolved substance

Metal

12. shiny element; good conductor of thermal energy and electric current

Suspension

13. mixture in which particles of one substance are large enough to settle out of another substance

Solution

14. brass, salt water, and air, for example

Non Metal

15. element that is a poor conductor of thermal energy and electric current

Pure Substance

16. a substance in which there is only one type of particle