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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Matter and Change Chapter 2

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  S |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 2  E |  |  |  |  | 3  M |  |  |  | O |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | L |  |  | 4  P |  | R |  |  |  | L |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | E |  |  | H |  | O |  |  |  | U |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 5  L |  | 6  C | H | E | M | I | C | A | L | R | E | A | C | T | I | O | N |  |  |  |  |  |  |
|  |  |  |  |  |  | A |  |  |  |  | E |  |  | S |  | T |  |  |  | I |  |  |  |  |  |  |  | 7  C |  |
|  |  |  |  |  |  | W |  |  |  |  | N |  |  | E |  | I |  | 8  H |  | O |  |  |  |  |  |  |  | H |  |
|  |  |  |  |  |  | O |  |  |  |  | T |  |  |  |  | Z |  | O |  | N |  |  |  |  |  |  |  | E |  |
|  |  |  |  |  |  | F |  |  |  |  | S |  |  |  |  |  |  | 9  M | A | S | S |  |  |  | 10  P |  |  | M |  |
|  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  |  |  | O |  |  |  |  |  |  | H |  |  | I |  |
|  |  |  |  |  |  | O |  |  | 11  P |  | 12  R |  |  |  |  | 13  S |  | 14  G | A | S |  |  |  |  | Y |  |  | C |  |
|  |  |  |  |  |  | N |  |  | H |  | E |  |  |  |  | U |  | E |  |  |  | 15  M |  |  | S |  |  | A |  |
|  |  |  |  |  |  | S |  |  | Y |  | A |  |  | 16  S |  | B |  | N |  |  | 17  L | I | Q | U | I | D |  | L |  |
|  |  |  |  |  |  | E |  |  | S |  | C |  |  | O |  | S |  | E |  |  |  | X |  |  | C |  |  | P |  |
|  |  |  |  |  |  | R |  | 18  D | I | S | T | I | L | L | A | T | I | O | N |  |  | T |  | 19  V | A | P | O | R |  |
|  |  |  | 20  P |  |  | V |  |  | C |  | A |  |  | I |  | A |  | U |  |  |  | U |  |  | L |  |  | O |  |
|  |  |  | R |  |  | A |  |  | A |  | N |  |  | D |  | N |  | S |  |  |  | R |  |  | P |  |  | P |  |
|  |  |  | O |  |  | T |  |  | L |  | T |  |  |  |  | C |  | 21  M | A | T | T | E | R |  | R |  |  | E |  |
|  |  |  | D |  |  | I |  |  | C |  | S |  |  |  |  | E |  | I |  |  |  |  |  |  | O |  |  | R |  |
|  |  |  | U |  |  | O |  |  | H |  |  |  |  | 22  C |  |  |  | X |  | 23  C |  |  |  |  | P |  |  | T |  |
|  |  |  | C |  |  | N |  |  | A |  |  |  |  | O |  |  |  | T |  | H |  |  |  |  | E |  |  | Y |  |
|  | 24  H | E | T | E | R | O | G | E | N | E | O | U | S | M | I | X | T | U | R | E |  |  |  |  | R |  |  |  |  |
|  |  |  | S |  |  | F |  |  | G |  |  |  |  | P |  |  |  | R |  | M |  |  |  |  | T |  |  |  |  |
|  |  |  |  |  |  | M |  |  | E |  |  |  |  | O |  | 25  C | H | E | M | I | C | A | L | S | Y | M | B | O | L |
|  |  |  |  |  |  | A |  |  |  |  |  |  |  | U |  |  |  |  |  | S |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | S |  |  |  |  |  |  |  | N |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | S |  |  |  |  |  |  |  | D |  |  |  |  |  | R |  |  |  |  |  |  |  |  |  |
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| **Across**  **6.** A reaction in which one or more substances change into new substances.  **9.** The amount of matter an object contains.  **14.** A form of matter that takes both the shape and volume of its container.  **17.** A form of matter that flows has a fixed volume, and takes the shape of its container.  **18.** In which a liquid is boiled to produce a vapor that is then condensed again to liquid.  **19.** Describes the gaseous stat of a substance that is generally a liquid or solid at room temperature.  **21.** Anything that has mass and takes up space.  **24.** A type of mixture that is not uniform in composition.  **25.** One- or two- letter that represent an element. | **Down**  **1.** Another name for homogeneous mixtures.  **2.** The simplest forms of matter that can exist under normal laboratory conditions.  **3.** Who is your favorite teacher?  **4.** Any part of a system with uniform composition and properties.  **5.** In any physical change or chemical reaction, mass is neither created nor destroyed; it is conserved.  **7.** The ability of a substance to undergo a chemical reaction and to form new substances.  **8.** A type of mixture that has a completely uniform composition.  **10.** A quality or condition of a substance that can be observed or measured without changing the substance’s composition.  **11.** A change in which alters a given material without changing its composition.  **12.** The starting substances in a chemical reaction.  **13.** Matter that has a uniform and definite composition.  **15.** A physical blend of two or more substances.  **16.** A form of matter that has a definite shape and volume.  **20.** The substance formed in a chemical reaction.  **22.** Substances that can be separated into simpler substance only by chemical means.  **23.** What is your best class? |