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

Unit 02: Physical Properties of Matter

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|  |  |  |  |  | C |  | 3  M |  |  |  |  | 4  L |  |  |
|  |  |  |  | 5  S | T | R | E | A | K |  |  | U |  |  |
| 6  V |  |  |  |  | I |  | T |  |  |  |  | S |  |  |
| O |  | 7  M | A | L | L | E | A | B | I | L | I | T | Y |  |
| L |  |  |  |  | I |  | L |  |  |  |  | E |  | 8  N |
| U |  |  | 9  M | E | T | A | L | S |  | 10  M |  | R |  | O |
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| **Across**  **2.**  the amount of matter that will fit into a given amount of space  **5.**  the color of a mineral seen when rubbed on a streak plate  **7.** Malleability – ability to be formed or shaped under pressure (e.g., metals hammered or rolled into thin sheets)  **9.**  substances that have the physical properties of luster, conductivity, and malleability; may appear in all three states of matter  **11.** ability of a mineral to resist scratching  **12.** ability to conduct electrical current | **Down**  **1.** ability to be stretched into a wire without breaking  **3.**  substances that exhibit some properties of metals and nonmetals  **4.** Luster – how the surface of a mineral appears when it reflects light (e.g., shiny or dull)  **6.**  the amount of space that a substance or object occupies  **8.**  substances that have the physical properties of being dull, insulators, and brittle; may appear in all three states of matter  **10.**  the amount of matter in something |