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

Rocks and Properties

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|  | 4 |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |
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|  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  | 11 |  |  |
|  |  |  | 12 |  |  |  |  |  |  |  |  |  | 13 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 14 |  |  |  |  |  |  |  |
|  |  | 15 |  |  |  |  | 16 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 18 |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  | 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 21 |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across**  **1.** metamorphic rock that have grains arranged in bonds or parallel layers  **4.** breaking down rocks into smaller pieces  **7.** rock always dealing with intense heat and pressure  **9.** the way minerals reflect light  **12.** tendency of a mineral to break along flat surfaces  **13.** rocks that form when rock melts , erupts , and cools  **15.** has definite chemical makeup  **16.** minerals most common on earths surface  **18.** naturally occuring , inorganic solid  **19.** this rock can form when water evaporates  **20.** igneous rock forms when magma hardens beneath earth  **21.** how easily a mineral can be scratched | **Down**  **2.** molten rock beneath earths surface  **3.** scale rocks are measured from 1-10  **5.** large crystals are formed when magma cools this way  **6.** igneous rock that forms lava on earths surface  **8.** color of materials powder  **10.** small pieces of material that come from rocks or living things  **11.** cycle rocks undergo change in  **14.** molten rock on earths surface  **17.** not formed from living things |