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

Scientific Wave Terms

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 2  L |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 3  C | O | M | P | R | E | S | S | I | O | N | S |  |  |  |  |  |  |  |
| 4  R |  | N |  |  |  |  |  |  |  |  |  |  |  | 5  T |  | 6  F |  |  |  |
| A |  | G |  |  |  |  |  |  |  |  |  |  |  | R |  | R |  |  |  |
| R |  | I |  | 7  V |  |  |  |  |  |  |  |  | 8  W | A | V | E |  |  | 9  R |
| E |  | T |  | I |  |  |  |  |  | 10  M |  | 11  T |  | N |  | Q |  |  | E |
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| A |  | D |  | R |  |  |  | 12  S |  | D |  | O |  | V |  | E |  |  | R |
| C |  | I |  | A |  | 13  A | M | P | L | I | T | U | D | E |  | N |  |  | A |
| T |  | N |  | T |  |  |  | E |  | U |  | G |  | R |  | C |  |  | C |
| I |  | A |  | I |  |  |  | E |  | M |  | H |  | S |  | Y |  |  | T |
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|  | 15  R | E | F | L | E | C | T | I | O | N |  | 16  C | R | E | S | T |  |  |  |
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| **Across**  **1.** the distance between two points on wave  **3.** closer together parts of a wave  **8.** a disturbance that transfers energy from place to place  **13.** the maxium distance the particles of the medium carrying the wave move away from their rest positions  **14.** a wave moving through an opening, causing it to bend and spread  **15.** an object hitting asurface through which it cannot pass and bounces back is  **16.** the highest part of a wave  **17.** when two waves meet | **Down**  **2.** waves that move the particles of the medium parellel to the direction in which the waves are traveling  **4.** farther apart areas of a wave  **5.** waves that move the medium ina direction perpendicular, or at right angles, to the direction which it travels  **6.** the number of complete waves that pass a given point in a certain amount of time  **7.** a repeated back-and-forth or up-and down motion  **9.** bending of waves due to the change in speed  **10.** a material through wich a wave travels  **11.** the lowest part of a wave  **12.** how far the wave travels in given amount of time |