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

HEARING AND SOUND

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|  | 2  M | E | G | A | P | H | O | N | E |  |  |  |  |  |  |  |  |  |  |
|  |  | M |  |  |  |  |  |  |  |  |  |  |  |  |  | 3  A |  |  |  |
|  |  | I |  |  |  |  |  |  |  | 4  V | I | B | R | 5  A | T | I | O | N | S |
|  |  | C |  |  |  |  |  | 6  S |  |  |  |  |  | I |  | R |  |  |  |
|  | 7  P | I | T | C | H |  |  | O |  |  |  |  |  | R |  | S |  |  |  |
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|  |  | A |  |  | 13  D |  |  | 14  P | I | N | N | A |  | H |  | 15  S | A | F | E |
|  |  | R |  |  | E |  |  |  |  | E |  | V |  | L |  | W |  |  | R |
|  |  | C |  |  | C |  |  |  |  | S |  | E |  | E |  | A |  |  | T |
|  |  | A |  |  | I |  | 16  S | E | N | S | E | S |  | A |  | T |  |  | Z |
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|  | 17  H | A | M | M | E | R | A | N | V | I | L | S | T | I | R | R | U | P |  |
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|  |  | 19  H | E | A | R | I | N | G | D | A | M | A | G | E | R | I | S | K |  |

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| **Across**  **2.** A tool used to amplify(make louder) your voice  **4.** Sounds are caused by what  **7.** How high or low a sound is. Is the definition of what  **9.** What's the nerve in the ear called  **14.** What's the putter ear called  **15.** 10-65 decibels is what range  **16.** Hearing is 1 of 5 what  **17.** What are the 3 tiny bones in the middle of the ear  **18.** # of vibrations in 1 second is known as what  **19.** 85-90 is what range | **Down**  **1.** 3 looped tubes to help us balance  **3.** Sound travels through what 3 things  **5.** What's the poorest conductor  **6.** What's the best conductor  **8.** What depends on the distance and force  **10.** What is a coiled tube in the inner ear  **11.** Sound \_\_\_\_\_\_\_ travel in all directions  **12.** Pitch is measured in what  **13.** What is volume measured in |