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

The Respiratory System

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|  |  |  | 1  R |  |  |  |  |  |  |  |  |  | 2  B |  |  |  |  |  |  |
|  |  |  | E |  |  |  |  |  |  |  |  | 3  T | R | A | C | H | E | A |  |
|  |  |  | S |  |  |  |  |  |  | 4  T |  |  | O |  |  |  |  |  |  |
|  |  | 5  E | P | I | G | L | O | T | T | I | S |  | 6  N | A | R | E | S |  |  |
|  | 7  C |  | I |  |  |  |  |  |  | D |  |  | C |  |  |  |  |  |  |
|  | A |  | R |  |  |  |  |  |  | A |  |  | H |  | 8  V |  |  |  |  |
|  | R |  | A |  |  |  |  |  |  | L |  | 9  C | I | L | I | A |  |  | 10  O |
|  | B |  | T |  | 11  B |  | 12  P |  |  | V |  |  | O |  | T |  | 13  D |  | X |
|  | O |  | O |  | R |  | H |  |  | 14  O | R | A | L | C | A | V | I | T | Y |
|  | N |  | R |  | O |  | A |  |  | L |  |  | E |  | L |  | A |  | G |
|  | D |  | Y |  | N |  | R |  | 15  M | U | C | U | S |  | C |  | P |  | E |
|  | I |  | S |  | C |  | Y |  |  | M |  |  |  |  | A |  | H |  | N |
|  | O |  | Y |  | H |  | N |  | 16  H | E | A | R | T |  | P |  | R |  |  |
|  | X |  | S |  | I |  | X |  |  |  |  |  |  |  | A |  | A |  |  |
|  | I |  | T |  |  |  |  |  |  |  |  |  |  |  | C |  | G |  |  |
|  | D |  | E |  |  |  |  |  | 17  A | 18  L | V | E | O | L | I |  | M |  |  |
|  | E |  | M |  |  |  |  |  |  | U |  |  |  |  | T |  |  |  |  |
|  |  |  |  |  |  | 19  L | A | R | Y | N | X |  |  |  | Y |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | G |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 20  N | A | S | A | L | C | A | V | I | T | Y |  |

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| **Across**  **3.** windpipe  **5.** a flap of elastic cartilage that acts as a switch between the trachea and the esophagus  **6.** opening through the nose carrying air into the nasal cavities  **9.** tiny hairs that line the bronchial tubes  **14.** the mouth  **15.** a sticky fluid; collects dust, germs and other matter that has invaded the lungs  **16.** a muscular organ about the size of a closed fist that functions as the body’s circulatory pump  **17.** grape-like cluster of sacs where oxygen is absorbed  **19.** where vocal cords are  **20.**  lined with a mucous membrane; has little hairs that help filter the air you breathe in, blocking dirt and dust from getting into your lungs | **Down**  **1.** a series of organs responsible for taking in oxygen and expelling carbon dioxide  **2.** small branching tubes  **4.** the amount of air which enters the lungs during normal inhalation at rest  **7.** a waste product that can be lethal if allowed to accumulate  **8.** the most air you can exhale after taking the deepest breath you can  **10.** a gas that your body needs to survive  **11.** where the trachea forks into each lung  **12.** food and air both pass through  **13.** muscle moves air in and out the lungs  **18.** internal sacs lined with epithelium; transports gases |