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

The Respiratory System

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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 |