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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 |