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Respiratory System Crossword Puzzle

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| **Across**  **2.** progressively smaller tubular branches of the airways.  **6.** the cavity behind the nose and above the roof of the mouth that filters air and moves mucus and inhaled contaminants outward and away from the lungs.  **10.** the exchange of gases between the air in the alveoli and the blood in the pulmonary capillaries.  **12.** the paired organs in the thoracic cavity where gas exchange takes place between air in the alveoli and blood in the pulmonary capillaries.  **13.** tiny sacs of lung tissue specialized for the movement of gases between air and blood.  **14.** any of the fine branching blood vessels that form a network between the arterioles and venules.  **15.** the metabolic processes certain organisms obtaining energy from organic molecules. | **Down**  **1.** the uppermost cartilage of the larynx; covers the larynx during swallowing  **3.** passing or able to pass air in and out of the lungs normally.  **4.** protective secretion of the mucus membranes.  **5.** voice box-passageway for air moving from pharynx to trachea; contains vocal cords.  **7.** one of the tubules forming the respiratory system.  **8.** The passages that branch from the trachea and direct air into the lungs.  **9.** short structures projecting from a cell and containing bundles of microtubules that move a cell through its surroundings or move fluid over the cell's surface.  **11.** inhalation; the intake of air into the lungs |