

RESPIRATORY SYSTEM: ORGANS & FUNCTIONS

ORGAN	PRIMARY FUNCTION
Nasal Cavity	Filters, warms, and moistens incoming air; contains sensory receptors for smell.
Pharynx	The throat passage that connects the nasal cavity and mouth to the larynx and esophagus.
Larynx	Commonly known as the voice box; protects the lower airways and contains vocal cords for sound production.
Trachea	The windpipe; a reinforced tube that provides an open passage for air to travel into the lungs.
Bronchi	Large air tubes that branch off from the trachea into the right and left lungs.
Bronchioles	Smaller branches of the bronchi that lead directly to the alveolar sacs.
Alveoli	Microscopic air sacs where the actual exchange of oxygen and carbon dioxide occurs with the blood.

ORGAN	PRIMARY FUNCTION
Lungs	Main organs of respiration which house the bronchioles and alveoli for gas exchange.
Diaphragm	A large flat muscle at the base of the chest that contracts and relaxes to facilitate breathing.