

CHAPTER 13 THE RESPIRATORY SYSTEM

POWERPOINT NOTES

What are the six organs of the Respiratory system and there function?

Organ	Function
Nose	Air enters
Pharynx	Throat
Larynx	Voice box
Trachea	Wind pipe
Bronchi	Division of trachea
Lungs/alveoli	Gas exchange

What are the 3 functions of the respiratory system?

1. Over sees gas exchange between blood and environment
2. exchange of gas that takes place in the alveoli
3. Passage way to lung to purify, warm, humidify air

What are the 3 functions of sinuses?

1. lighten skull
2. act as a resonance chamber for speech
3. produce mucus

The epiglottis routes food to the **larynx** and air toward the **trachea**.

The alveoli is the site of gas exchange in the lungs. This is were Oxygen enters the blood and Carbon dioxide enters into the air sacs. Surfactant coats the gas – exposed **alveolar** surfaces and keeps them from collapsing.

Pulmonary ventilation is moving air in and out of the lungs while **External respiration** is gas exchange between pulmonary blood and alveoli. The 2 phases of **pulmonary ventilation** are inspiration and Expiration.

The 3 steps of **Inspiration** are

1. diaphragm contracts
2. thoracic cavity increases
3. external air pulled into lungs due to pressure changes

The 3 steps of **Exhalation** are

1. Passive elasticity
2. air pushed out of lungs as muscles relax
3. forc expiraton by depressing rib cage

Label the following respiratory graph **Labeled graph in powerpoint**

Respiratory System Answers Ch 13

Ying-Ying Zheng



Respiratory System Answers Ch 13:

Decoding **Respiratory System Answers Ch 13**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its capability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Respiratory System Answers Ch 13**," a mesmerizing literary creation penned by a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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