

Chapter 4 Respiratory System

- Students will describe the structures and functions of the respiratory system.
 - Students will understand the effect of smoking on health.

Section 4.1 and 4.2

- Use the terms in context: cilia, pharynx, trachea, bronchi, lungs, alveoli, diaphragm, larynx, vocal cord.
- Identify the 2 functions of the respiratory system.
- Identify the structures that air passes through as it travels to the lungs.
- Describe how oxygen, carbon dioxide, and water move in the lungs.
- List 3 products of respiration.
- What 3 ways does the respiratory system modify air before it reaches the lungs?
- Explain the process by which people breathe and speak.
- Make a table that lists 3 harmful chemicals contained in tobacco smoke, what it is, and how it harms the respiratory and circulatory systems.
- Make a table that lists 4 health problems related to smoking, what causes the disease, and how it affects your health.
- Describe passive smoking.
- Describe 2 ways the respiratory system works with other body systems.
- List 4 interesting facts related to the respiratory system.

Chapter 4 Excretory System

- Students will describe the structures and functions of the excretory system.

Section 4.3

- Use the terms in context: urea, urine, nephron.
- Define excretion and identify the 2 functions of the excretory system.
- State how urine is produced in the kidneys' nephrons.
- Name the organs involved in excretion and describe their roles (functions).
 - Kidneys
 - Ureters
 - Urinary bladder
 - Urethra
- Define nephrons and describe the 2 stages of filtering wastes in the nephrons.
- Describe the role of each of the following in maintaining homeostasis:
 - Kidneys
 - Lungs
 - Skin
 - Liver
- Describe 2 ways the excretory system works with other body systems.
- List 4 interesting facts related to the excretory system.