Learning Targets:

Respiratory and Excretory Systems

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| I can: | Vocabulary | |
| 1. Identify the main structures and understand their functions in the human respiratory system. 2. Identify the main structures and understand their functions in the human excretory system. 3. Explain the levels of organization in the human body. 4. Compare the functions of a cell to the functions of the respiratory system. 5. Compare the functions of a cell to the functions of the excretory system. 6. Explain how an organism’s internal structures are adapted to allow specific functions. 7. Demonstrate my understanding of the complementary nature of the respiratory system to other systems and the whole organism. 8. Demonstrate my understanding of the complementary nature of the excretory system to other systems and the whole organism. 9. Explain the process of homeostasis and give an example from the respiratory system. 10. Explain the process of homeostasis and give an example from the excretory system. 11. Explain what elements are contained in organic compounds. | * nasal cavity * pharynx * larynx * trachea * windpipe * lung * bronchi (-us) * diaphragm * nose * nostril * alveoli/alveolus * epiglottis * bronchiole * secondary bronchus * pulmonary * diffusion * cilia * capillary * breathing * tar * respiratory system * exhale * inhale | * vocal cord * bronchitis * gas exchange * kidney * urinary bladder * urethra * ureter/ureter tubes * urine * structure * function * urinary tract * glucose * nephron * urea * bowel * sphincter * water balance * excretory system * organ * organ system * addition * diabetes * asthma * cellular respiration * organic |
| TEKS  7.6A The student knows that organic compounds contain carbon and other elements such as hydrogen, oxygen, phosphorus, nitrogen or sulfur.  7.10 The student knows that there is a relationship between organisms and the environment.  7.12 The student knows that living systems at all levels of organization demonstrate the complementary nature of structure and function.  712B The student can identify the main functions of the respiratory and excretory systems in humans.  7.12C The student recognizes levels of organization in plants and animals, including cells, tissues, organs, organ systems, and organisms.  712E The student can compare the functions of a cell to the functions of an organism such as waste removal.  7.13 The student knows that living organisms must be able to maintain balance in stable internal conditions in response to external and internal stimuli. | | |