

Lesson 3.10: Excretory System

Task	Page(s)	Learning Target
1	2	I can identify structures and explain functions of the excretory system.
2	3	I can plan a model for the urinary system using household materials.
3	4	I can describe structures and functions of the urinary system by creatively writing a dialogue between two kidneys.
4	5	I can construct a circle graph that shows the composition of urine.

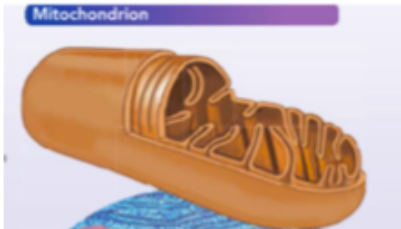
Task 1 Learning Target: I can identify structures and explain functions of the excretory system.

1. Functions

A. remove cellular _____

Remember that cellular waste is referring to the waste products from cellular respiration.

Cellular Respiration: the process by which digested food is turned into



Which are the waste products?

2. The Excretory System is an umbrella term that includes the following systems:

- A. respiratory system: _____
- B. skin: _____
- C. urinary system: _____

3. Urinary System Structures:

- A. Kidney:
- B. _____: _____
- C. Urinary Bladder:
- D. Urethra:

**Draw a diagram of the urinary system.

4. Disorders

<https://www.youtube.com/watch?v=G3QtwqQ8ovg>

- 1. kidney failure- dialysis machine needed to filter _____.

Task 2 Learning Target: I can plan a model for the urinary system using household materials.

<u>Material</u>	<u>How does it represent structure?</u>	<u>How does it represent function?</u>

Task 3 Learning Target: I can describe structures and functions of the urinary system by creatively writing a dialogue between two kidneys.

Create a skit between 2 kidneys that describes:

- structures and functions of the urinary system
- how the urinary system relates to the excretory system

Words To Use:		
carbon dioxide	perspiration	kidneys
capillaries	nephrons	filtration
ureter	bladder	urethra
	urea	

Task 4 Learning Target: I can construct a circle graph that shows the composition of urine.

Construct a circle graph that shows the composition of urine.

-water=95% -urea=2% -sodium chloride=1% -other substances=2%