

Science Homework

Sections 5A, B, C, D, & E

April 15-19, 2024

Day	Homework
Monday	<ul style="list-style-type: none">Print, cut, and paste Digestive and Urinary/Excretory System Notes in Science Notebook on pages 73-74.Print, cut, and paste Nervous System Notes in Science Notebook on pages 75-76.Complete Student Reflection for each set of notes.
Tuesday	
Wednesday	
Thursday	
Friday	No homework, enjoy your weekend! 😊

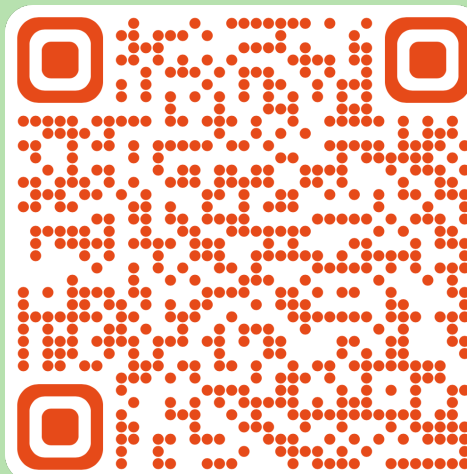
Reminders

- Topic 7 Plants and Human Body Test, Thursday, April 18th
- HW due Monday, 4/22

VOCABULARY

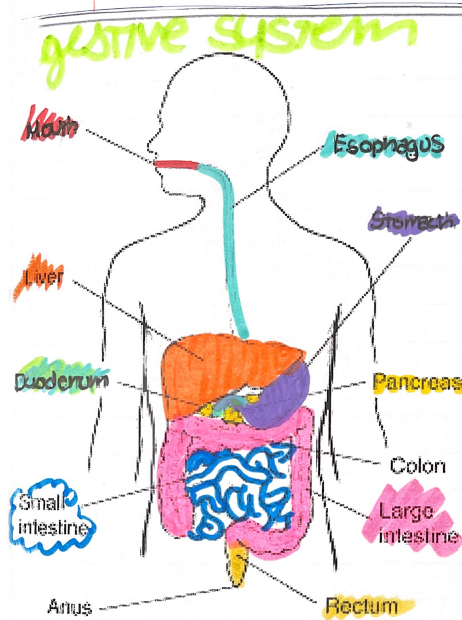
skin	structures
brain	functions
heart	roots
lungs	stems
stomach	leaves
liver	flower
bones	fruit
skeleton	seed
bladder	germination
muscles	fertilization
kidneys	pistil
pancreas	pollen
small intestine	pollinate
large intestine	petals
sensory organs	ovary
reproductive	spore
organs	stamen
testes	seed
ovaries	seed dispersal

[Topic 7 Human Body Vocabulary](#)



Digestive System

essential question: Where does most of the digestion happen in a human organism?



Function

1. To break down + absorb nutrients from food
2. To rid the organism of solid waste + toxins after food has been digested

Function of different structures

Stomach - churns food + breaks it down w acids + enzymes

Large intestine - absorbs vitamins + water and rids the body of solid waste

Small intestine - digests

the food + absorb nutrients

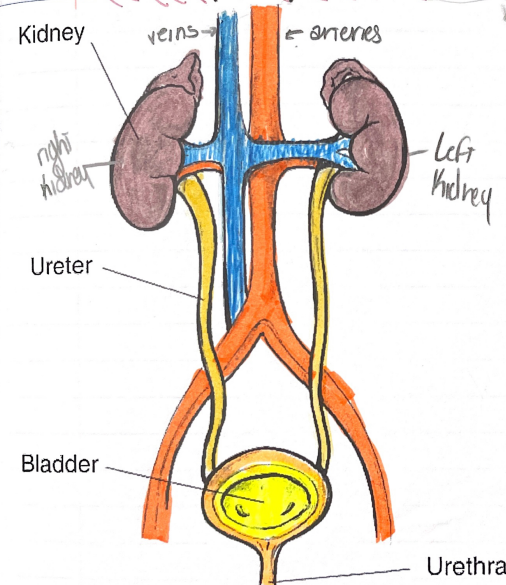
Liver - to filter the blood + secrete juices that break down fat

Pancreas - regulates blood sugar by breaking 'em down using juices (schmales)

THE Urinary System

essential question: How do the kidneys + bladder work together to allow waste in the form of urine to exit the human organism?

Urinary System:



Function of the urinary system:

To filter the blood & create waste in the form of urine, hold the urine until it exits the body and allow it to leave the body.

Function of kidneys:
To filter the blood + produce urine as waste

Function of the bladder:
To hold the urine until it exits the body.

Function of the urethra:
To allow urine to exit the body.

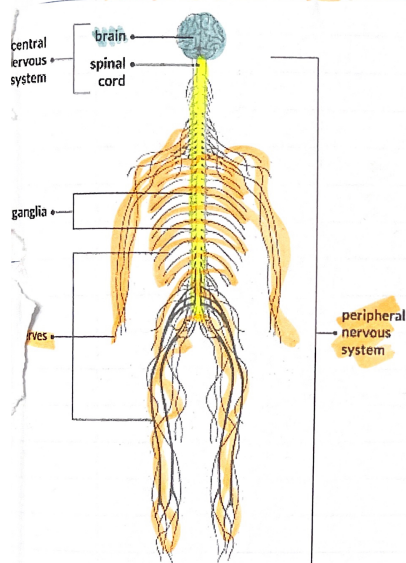
4/17/24

nervous system

75

essential question: How does the brain control the rest of the human body?

nervous system



- Function of the nervous system

- To receive messages from the sensory organs
- To interpret the messages
- To send messages to the sensory organs (how 2 react to stimuli)

- Function of the brain:

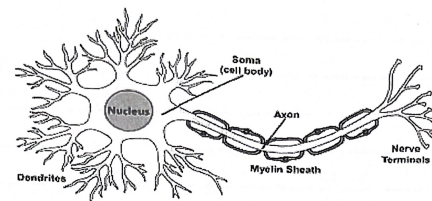
- To interpret messages + info

- Function of the spinal cord + peripheral nervous system:

- To send & receive messages from brain

Neuron

76



- Neurons are the nerve cells which make up the brain + nervous system.

- Function of neurons:

- To send & receive signals from the brain

- Classified into:

• **Motor Neurons / nerves**, which carry messages from the brain 2 the rest of body, thru spinal cord.

• **Sensory Neurons / nerves**: carry messages from other parts of the body to the brain thru the spinal cord.