

The Urinary System

What does the body do with everything it doesn't need? It gets eliminated through the urinary system. The kidneys play a major part in this system. Why are they so important? It is because the human body cannot survive without at least one of them.

What is the Job of the Kidneys?

The main job of the kidneys is to filter the waste out of the blood. The waste can be extra things your body doesn't need because it has enough of, or it can be things that your body doesn't need at all. Blood enters the kidneys through the renal artery. The kidneys have over 1 million tiny filters inside called nephrons. From these tiny filters, the waste from the blood is sent to the bladder through a tube called the ureter. The bladder is a storage sac that holds the urine until it is time to be released. The waste is combined with water to create urine. The urine is sent to the bladder through a tube called the ureter. The bladder is a storage sac that holds the urine until it is time to be released. The bladder releases the urine out of your body from the bladder through another tube called the urethra.

The kidneys have another important job in the human body. They make sure the amount of fluid in the body is balanced. This means that the amount of water a person takes in, should be the same as the amount of water they lose. This is called homeostasis.

The Urinary System

Name: _____

- The main job of the urinary system is to
 - produce urine.
 - balance the amount of fluid and minerals in the body.
 - filter waste from the blood and release it from the body.
 - maintain homeostasis.
- The human body must have two functioning kidneys in order to survive.
 - True
 - False
- What is the main idea of the section titled "The Job of the Kidneys"?
 - Urine is released from the body through the urethra.
 - Waste is combined with water to create urine.
 - There are over a million tiny filters in the kidneys.

Annotate the Text

- Number the paragraphs

- Underline important statements

- Circle unknown words

- Question? Confusing?

Interesting!

Name: _____

Kidneys

Urinary System

Bladder

Other Facts

Close Reading Steps

1 Read the text

2 Annotate the text

3 Read the text again

4 Define unknown words

5 Read the text again

6 Respond to reading

This resource includes:

- Teacher Tips
- Questions to Ask Students
- Student Bookmarks:
 - Close Reading Steps
 - Annotate/Mark the Text
- The Urinary System Informational Text
- 10 Multiple Choice Questions
- 7 Graphic Organizers
- Answer Key

The Urinary System

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 - produce urine.
 - balance the amount of fluid and minerals in the body.
 - filter waste from the blood and release it from the body.
 - maintain homeostasis.
- The human body must have two functioning kidneys.
 - True
 - False
- What is the main idea of the section titled "What is the main job of the urinary system?"
 - Urine is released from the body through the urinary system.
 - Waste is combined with water to create urine.
 - There are over a million tiny filters inside the kidneys.
 - The kidneys filter waste from the blood.
- What are nephrons?
 - Tiny filters inside the kidneys that filter waste from the blood.
 - The tube that carries urine to the bladder.
 - The storage sac that holds urine until it can be released from the body.
 - The hormone that is sent from the brain to the kidneys to tell them to hold onto fluids.
- What is the main idea of the section titled "The Urinary System and Homeostasis?"
 - Dark urine means you drink too much water.
 - Kidneys work to make sure the body has the right amount of fluids.
 - Urine is a mixture of water and waste.
 - The body should always achieve homeostasis.

The Urinary System

Name:

- Read the following sentence from the passage:
This means that the amount of water a person takes in, should be the same amount that is excreted from the body.
What does the word excreted mean in this passage?
 - held inside
 - filtered
 - released
 - topped
 - Why did the author write this passage?
 - To inform the reader about how the urinary system works.
 - To entertain the reader with a humorous story about a person who was eating at a restaurant.
 - To persuade the reader to drink more.
 - All of the above
 - What does it mean when the body has achieved homeostasis?
 - The body has released all of its urine.
 - The kidneys are holding onto fluids.
 - The body has successfully filtered all of the blood.
 - The body has the right amount of fluids.
- 10 Multiple Choice Questions**

Includes:

- Teacher Tips
- Questions to Ask Students
- Close Reading Steps - Bookmark
 - Version with "Mark the text"
 - Version with "Annotate the text"
- Steps to "Mark the Text" Bookmark
- Steps to "Annotate the Text" Bookmark
- Informational Text: The Urinary System
- 10 Multiple Choice Questions
- 7 Graphic Organizers

Teacher Tips & Suggestions

Teacher Tips

Close reading: A reading strategy that is used to comprehend and analyze a text closely. Students will typically read the text at least twice for comprehension, details, analysis, and deep questioning of the text's purpose and meaning.

1. **Read the Text:** When students read the text for the first time, they are reading just to identify what the passage is mostly about. The first read is surface level and allows the students to understand the gist of the text.
2. **Mark Up the Text or Annotate the Text:** Encourage students to use their annotation bookmarks (provided below) to make notes directly on the text. Students can write in the margins, use sticky notes to make notes, use color coding. You can even slip the text inside a dry-erase pocket and encourage students to use dry-erase markers to mark up the text.
3. **Read the Text Again:** If the teacher is working with the students for this, the teacher can read the text aloud this time. Model think-alouds and use expression while you read. If students are working with partners in a station, encourage them to each read a paragraph then switch readers.
4. **Define Unknown Words:** During this step, invite students to circle any unknown or unfamiliar words. Use the provided graphic organizer to select 4-5 unknown words and work to identify the meaning of each word.
5. **Read the Text Again:** With this third time reading the text, encourage the

Questions to Ask Students

- What is the text mostly about?
- Who is the audience for this text?
- What's is the writer's purpose of this text?
- What's your favorite part of the passage?
- What words are new to you? What do you think the words mean?
- What detail stands out to you?
- What questions do you now have about the topic?
- If the author 2 questions, what would you

Graphic Organizers

- Main Ideas with Text Evidence
- Central Ideas with Text Evidence
- Central Ideas with Details
- Main Idea, Details, Conclusion
- KWL: What I Know, What I Want to Know, What I Learned
- Overview: Topic, Author's Purpose, Key Vocabulary, Most Important Thing, I Wonder, Important Facts, Illustration
- Context Clues (3 Versions: 3 words, 4 words, 5 words)
- The Urinary System: Kidneys, Bladder, Other Facts

The Urinary System

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The main job of the kidneys is to filter the waste out of the blood. The waste can be extra water, or it can be things that your body doesn't need. Blood enters the kidneys through the renal artery. The kidneys have over 1 million tiny filters called nephrons. From these nephrons, the waste is filtered out of the blood. These tiny filters are called nephrons. From the nephrons, the waste is filtered out of the blood. The urine is sent to the bladder through a tube called the ureter. The bladder is a storage sac that holds the urine until it is time to be released. The bladder releases the urine out of your body from the bladder through another tube called the urethra.

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Name: _____

Kidneys

Urinary System

Bladder

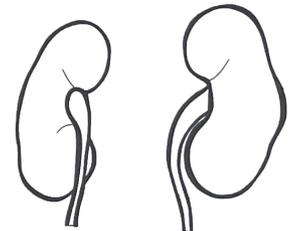
Other Facts

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Close Reading

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Steps for Close Reading:

1. Read the Text
2. Mark Up the Text or Annotate the Text
3. Read the Text Again
4. Define Unknown Words
5. Read the Text Again
6. Respond to Reading

Name: _____

Unknown Word	Context Clue	Word Meaning

Name: _____

What I Know	What I <u>Want</u> to Know	What I Learned

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Name: _____

Topic	Author's Purpose
Key Vocabulary	Most Important Thing
Important Facts	I Wonder...
	Illustration

Graphic Organizers

Ideas for Use

- Whole Group Instruction
- Partner Practice
- Guided Reading Groups
- Substitute Plans
- Send home to practice
- ELA Work Stations or Centers
- Assessment

Unknown Word	Context Clue

Name: _____

Central Idea

Details

Name: _____

Main Ideas

- 1
- 2
- 3

Text Evidence #1

Text Evidence #2

Text Evidence #3

Name: _____

Main Idea

Detail

Detail

Graphic Organizers

Purchase now to
connect science
and literacy
in your
classroom!