

Removing Waste - Excretory System Basics

Use this worksheet after reading the lesson to practise the key ideas and prove you can meet the success criteria.

Name _____
Date _____
Class _____

1. Key Ideas

Taking useful materials in is only part of living-system function. Waste also has to be removed. This lesson explains why waste removal matters and introduces the excretory system at the right Stage 4 level.

- waste removal matters in living systems
- cells need supply, but they also produce wastes

2. Success Criteria

By the end, you should be able to:

- waste removal matters in living systems
- the excretory system has a waste-removal role
- living systems involve both inputs and outputs

3. Key Terms

Waste

Substances that need to be removed because the body no longer needs them or they can cause harm.

Excretory system

The body system involved in removing certain wastes from the body.

Removal

Taking something out of the body or away from cells.

Input

A useful substance entering a system.

Output

A substance leaving a system.

Balance

Keeping conditions in the body within useful limits.

4. Activity: Build the Lesson Map

Use the lesson to complete the table. Keep answers brief but specific.

Prompt	Your answer
Main concept	
Important example	
Common mistake to avoid	
How this links to the next lesson	

5. Short Answer Questions

1. Explain this lesson goal in your own words: "waste removal matters in living systems". Use one specific example from the lesson.

CORE

2. Apply this idea to a new example: "the excretory system has a waste-removal role". Show your reasoning clearly.

CORE

3. Analyse why this idea matters for understanding Removing Waste - Excretory System Basics: "living systems involve both inputs and outputs".

REASONING

6. Extend: Apply the Idea

A student says, "I understand Removing Waste - Excretory System Basics because I memorised the definition."

Explain why memorising a definition is not enough. Use an example from the lesson to show deeper understanding.

7. Multiple Choice

1. What is the best first step when answering a question about Removing Waste - Excretory System Basics?

- A. Identify the key concept being tested
- B. Write every fact from memory
- C. Ignore the command word
- D. Skip examples and evidence

2. Which answer would show stronger understanding of Removing Waste - Excretory System Basics?

- A. An answer with accurate terms and reasoning
- B. A copied definition only
- C. A single-word response
- D. An answer with no example

3. What should you do if a question asks you to explain?

- A. Link the idea to a reason or cause
- B. List unrelated facts
- C. Only draw a diagram
- D. Write the shortest possible answer

8. Success Criteria Proof

Finish with evidence that you can do each success criterion.

SUCCESS CRITERION 1

Prove that you can: waste removal matters in living systems

SUCCESS CRITERION 2

Prove that you can: the excretory system has a waste-removal role

SUCCESS CRITERION 3

Prove that you can: living systems involve both inputs and outputs

One thing I still need help with:
