

Organ Systems and Why Components Matter

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

An organ system is more than a list of organs. It is a set of organs that work together to carry out a major function. This lesson makes that idea explicit and trains students to explain systems using precise component, role and function language.

- an organ system is a group of organs working together
- a system only works properly when its components interact

2. Success Criteria

By the end, you should be able to:

- an organ system is a group of organs working together
- systems have components with different roles
- animal examples of organ systems can be compared at Stage 4 level

3. Key Terms

Organ system

A group of organs working together to carry out a major function.

Component

One part of a larger system.

Role

The part a component plays within the system.

Function

The overall job the system or component does.

Interaction

How different parts affect or work with one another.

Circulatory system

An example of an animal organ system that moves substances around the body.

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: "an organ system is a group of organs working together". Use one specific example from the lesson.

CORE

2. Apply this idea to a new example: "systems have components with different roles". Show your reasoning clearly.

CORE

3. Analyse why this idea matters for understanding Organ Systems and Why Components Matter: "animal examples of organ systems can be compared at Stage 4 level".

REASONING

6. Extend: Apply the Idea

A student says, "I understand Organ Systems and Why Components Matter 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 Organ Systems and Why Components Matter?

- 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 Organ Systems and Why Components Matter?

- 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: an organ system is a group of organs working together

SUCCESS CRITERION 2

Prove that you can: systems have components with different roles

SUCCESS CRITERION 3

Prove that you can: animal examples of organ systems can be compared at Stage 4 level

One thing I still need help with:
