

Comparing Plant and Animal Living Systems

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

Plants and animals are both living systems with organised parts, but the structures they use are not identical. This lesson compares their roles, structures and functions using clear Stage 4 system language.

- plants and animals both have organised living systems
- similar jobs can be achieved by different structures

2. Success Criteria

By the end, you should be able to:

- plants and animals both have organised living systems
- their structures and systems are not identical
- both rely on structure-function relationships

3. Key Terms

Compare

Identify similarities and differences between two things.

Structure

A part or arrangement within a living system.

Role

The job performed by a structure or component.

Function

How a structure or system works to support life.

Living system

An organised set of interacting parts that support survival.

Interaction

The way components or systems affect one another.

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: "plants and animals both have organised living systems". Use one specific example from the lesson.

CORE

2. Apply this idea to a new example: "their structures and systems are not identical". Show your reasoning clearly.

CORE

3. Analyse why this idea matters for understanding Comparing Plant and Animal Living Systems: "both rely on structure-function relationships".

REASONING

6. Extend: Apply the Idea

A student says, "I understand Comparing Plant and Animal Living Systems 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 Comparing Plant and Animal Living Systems?

- 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 Comparing Plant and Animal Living Systems?

- 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: plants and animals both have organised living systems

SUCCESS CRITERION 2

Prove that you can: their structures and systems are not identical

SUCCESS CRITERION 3

Prove that you can: both rely on structure-function relationships

One thing I still need help with:
