

Tissues — Structure and Function

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

Specialised cells don't work alone — they group into tissues. Understanding what tissues are, how they form, and what each type does is the bridge between individual cells and the organs they build.

- Define tissue and explain how tissues arise from cell differentiation
- Investigate the structure and function of tissues

2. Success Criteria

By the end, you should be able to:

- Define tissue and explain how tissues arise from cell differentiation
- Describe the four animal tissue types and their functions
- Describe the four plant tissue types and their functions

3. Key Terms

tissue

a group of cells with a similar structure and function that work together to perform a specific role

what each type does

the bridge between individual cells and the organs they build

you think the heart

made of at the cellular level, and why do you think cells need to be organised into groups (tissues) rather than each wo

Tissues

just groups of identical cells doing the same thing

What matters

that they are structurally similar and work together to perform a specific function that no single cell could achieve al

simple group of cells

coordination: cells in a tissue communicate, share structural connections, and perform their function collectively in wa

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: "Define tissue and explain how tissues arise from cell differentiation". Use one specific example from the lesson.

BAND 3 **2 MARKS**

2. Apply this idea to a new example: "Describe the four animal tissue types and their functions". Show your reasoning clearly.

BAND 4 **3 MARKS**

3. Analyse why this idea matters for understanding Tissues — Structure and Function: "Describe the four plant tissue types and their functions".

BAND 5 **4 MARKS**

6. Extend: Apply the Idea

BAND 5/6

5 MARKS

A student gives a memorised answer about Tissues — Structure and Function but does not use evidence or reasoning.

Improve the answer by writing a stronger response that uses accurate terminology, a relevant example and a clear explanation.

7. Multiple Choice

1. What is the best first step when answering a question about Tissues — Structure and Function?

- 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 Tissues — Structure and Function?

- 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: Define tissue and explain how tissues arise from cell differentiation

BAND 3

2 MARKS

SUCCESS CRITERION 2

Prove that you can: Describe the four animal tissue types and their functions

BAND 4

3 MARKS

SUCCESS CRITERION 3

Prove that you can: Describe the four plant tissue types and their functions

BAND 5

4 MARKS

One thing I still need help with:
