

The Innate Immune System

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

Think of the innate immune system as a security guard who doesn't recognise faces but responds to anyone who looks suspicious — fast, broad, and ready within minutes. The adaptive immune system is the detective who studies each criminal carefully. This lesson is about the security guard.

- The components of the innate immune system
- Why the innate response is fast but non-specific

2. Success Criteria

By the end, you should be able to:

- The components of the innate immune system
- How phagocytosis works — step by step
- The role of natural killer cells

3. Key Terms

The adaptive immune system

the detective who studies each criminal carefully

This lesson

about the security guard

the area

red and starting to swell — before you've even thought about cleaning it

molecules do you think

involved, and in what order do they act? Be as specific as you can

Why the innate response

fast but non-specific

Bacteria

living cells; viruses are non-living particles that require host cells to reproduce

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: "The components of the innate immune system". Use one specific example from the lesson.

BAND 3 **2 MARKS**

2. Apply this idea to a new example: "How phagocytosis works — step by step". Show your reasoning clearly.

BAND 4 **3 MARKS**

3. Analyse why this idea matters for understanding The Innate Immune System: "The role of natural killer cells".

BAND 5 **4 MARKS**

6. Extend: Apply the Idea

BAND 5/6

5 MARKS

A student gives a memorised answer about The Innate Immune System 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 The Innate Immune System?

- 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 The Innate Immune System?

- 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: The components of the innate immune system

BAND 3 **2 MARKS**

SUCCESS CRITERION 2

Prove that you can: How phagocytosis works — step by step

BAND 4 **3 MARKS**

SUCCESS CRITERION 3

Prove that you can: The role of natural killer cells

BAND 5 **4 MARKS**

One thing I still need help with:
