

Causes of Non-infectious Disease — Genetic, Environmental, Nutritional, Cancer

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

Cardiovascular disease, Type 2 diabetes, cancer, and dementia together kill more people every year than every infectious disease combined — and the gap is widening. This lesson builds the classification framework you need before diving into each category in detail across L07–L10.

- The definition of non-infectious disease and how it differs from infectious disease
- Why a risk factor is not the same as a cause

2. Success Criteria

By the end, you should be able to:

- The definition of non-infectious disease and how it differs from infectious disease
- The four categories of non-infectious disease: genetic, environmental, nutritional, cancer
- At least two examples of each category

3. Key Terms

infectious disease

caused by a pathogen — a bacterium, virus, fungus, or parasite — that can be transmitted between hosts through direct co

five causes of death

coronary heart disease, dementia/Alzheimer's, cerebrovascular disease, chronic lower respiratory disease, and lung cancer

people

living long enough for non-infectious diseases — which often take decades to develop — to become the dominant killers

risk factor

not the same as a cause

Transmission

the key — not severity, not treatability, not genetic involvement

and this

important — some non-infectious diseases have infectious triggers

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 definition of non-infectious disease and how it differs from infectious disease". Use one specific example from the lesson.

BAND 3 **2 MARKS**

2. Apply this idea to a new example: "The four categories of non-infectious disease: genetic, environmental, nutritional, cancer". Show your reasoning clearly.

BAND 4 **3 MARKS**

3. Analyse why this idea matters for understanding Causes of Non-infectious Disease — Genetic, Environmental, Nutritional, Cancer: "At least two examples of each category".

BAND 5 **4 MARKS**

6. Extend: Apply the Idea

BAND 5/6

5 MARKS

A student gives a memorised answer about Causes of Non-infectious Disease — Genetic, Environmental, Nutritional, Cancer 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 Causes of Non-infectious Disease — Genetic, Environmental, Nutritional, Cancer?

- 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 Causes of Non-infectious Disease — Genetic, Environmental, Nutritional, Cancer?

- 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 definition of non-infectious disease and how it differs from infectious disease

BAND 3 **2 MARKS**

SUCCESS CRITERION 2

Prove that you can: The four categories of non-infectious disease: genetic, environmental, nutritional, cancer

BAND 4 **3 MARKS**

SUCCESS CRITERION 3

Prove that you can: At least two examples of each category

BAND 5 **4 MARKS**

One thing I still need help with:
