

Biogeography

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

Where organisms live is not random. Distribution patterns across islands, continents and tectonic boundaries can reveal shared ancestry, long periods of isolation, and evolutionary divergence that would be hard to explain if species were fixed and independent.

- Key facts and definitions for Biogeography
- The concepts and principles underlying Biogeography

2. Success Criteria

By the end, you should be able to:

- Key facts and definitions for Biogeography
- Relevant terminology and conventions
- The concepts and principles underlying Biogeography

3. Key Terms

book mode if you

sketching maps, boundaries and island examples by hand before coming back for the answer checks

Australia and South America

far apart today, why might scientists still compare their animal groups when studying evolution?

two islands

close to each other, would you expect their species to be more similar or less similar than species on very distant islands

study of where organisms

distributed across Earth and how those patterns reflect evolutionary history

species

native to and restricted to one geographic area

Evolution

just a guess or a theory with no evidence

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: "Key facts and definitions for Biogeography". Use one specific example from the lesson.

BAND 3 **2 MARKS**

2. Apply this idea to a new example: "Relevant terminology and conventions". Show your reasoning clearly.

BAND 4 **3 MARKS**

3. Analyse why this idea matters for understanding Biogeography: "The concepts and principles underlying Biogeography".

BAND 5 **4 MARKS**

6. Extend: Apply the Idea

BAND 5/6

5 MARKS

A student gives a memorised answer about Biogeography 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 Biogeography?

- 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 Biogeography?

- 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: Key facts and definitions for Biogeography

BAND 3

2 MARKS

SUCCESS CRITERION 2

Prove that you can: Relevant terminology and conventions

BAND 4

3 MARKS

SUCCESS CRITERION 3

Prove that you can: The concepts and principles underlying Biogeography

BAND 5

4 MARKS

One thing I still need help with:
