Environmental Science and Gardening Assessment

Student Name: _____	**Class:** _____
Student ID: _____	**Date:** _____

Assessment Details

Duration: 45 minutes	**Total Marks:** 100
Topics Covered:	• School Gardens • Environmental Awareness • Gardening and Sustainability • Composting and Water Conservation

Instructions to Students:

1. Read all questions carefully before attempting.
2. Show all working out - marks are awarded for method.
3. Write your answers in the spaces provided.
4. If you need more space, use the additional pages at the end.
5. Time management is crucial - allocate approximately 1 minute per mark.

Section A: Multiple Choice [20 marks]

Question 1 [4 marks]

What is the primary purpose of a school garden?

A) To provide a recreational space for students

B) To teach students about gardening and sustainability

C) To promote physical education

D) To support local food systems

Question 2 [4 marks]

Which of the following plants is suitable for a school garden in Greece?

A) Cactus

B) Olive tree

C) Tomato plant

D) All of the above

Question 3 [4 marks]

What is the role of composting in gardening?

A) To reduce waste and create nutrient-rich soil

B) To increase water consumption

C) To decrease biodiversity

D) To promote pesticide use

Section B: Short Answer Questions [40 marks]

Question 4 **[10 marks]**

Describe the importance of school gardens in promoting environmental awareness and community engagement.

Question 5 **[15 marks]**

Identify three types of plants that are suitable for a school garden in Greece and explain their benefits.

Question 6 **[15 marks]**

Explain the process of composting and its role in reducing waste and creating nutrient-rich soil.

Section C: Project-Based Question [40 marks]

Question 7 **[40 marks]**

Design a basic school garden layout that incorporates a variety of plants, a composting system, and a water conservation strategy. Consider the climate and soil conditions in Greece and include a brief explanation of your design choices.

Jigsaw Activity [20 marks]

Work in groups to complete the following tasks:

1. Research and identify three types of plants suitable for a school garden in Greece.
2. Design a composting system for the school garden.
3. Develop a water conservation strategy for the school garden.

Conclusion

Thank you for completing the Environmental Science and Gardening Assessment! Remember to review the assessment rubric and use the feedback to improve your understanding of environmental science and gardening concepts. Good luck!

Additional Resources

Diagrams of school garden layouts

Pictures of plants suitable for school gardens in Greece

Composting and water conservation strategies