

Student Name: _____

Class: _____

Student ID: _____

Date: _____

Assessment Overview**Duration:** 45 minutes**Total Marks:** 50**Topics Covered:**

- Sustainable Resource Management
- The 3Rs (Reduce, Reuse, Recycle)
- Environmental Impact
- Community Action

Instructions:

1. Read each question carefully before answering
2. Show all your working where required
3. Some questions may have multiple correct answers
4. Use examples from your own experience where appropriate
5. Write clearly and organize your answers neatly

Question 1

[5 marks]

Match the following types of resources with their correct examples:

| Resource Type | Example |
|---------------|---------|
| Renewable | _____ |
| Non-renewable | _____ |
| Recyclable | _____ |
| Reusable | _____ |
| Biodegradable | _____ |

Question 2

[10 marks]

You conducted a waste audit at home. Create a pie chart showing the different types of waste you found and suggest two ways to reduce each type.

[Draw your pie chart here]

| Waste Type | Reduction Strategy 1 | Reduction Strategy 2 |
|------------|----------------------|----------------------|
| Food Waste | _____ | _____ |
| Plastic | _____ | _____ |
| Paper | _____ | _____ |

Question 3

[10 marks]

Your school wants to become zero-waste. Design an action plan using the following template:

Zero-Waste School Action Plan

| Area | Current Problem | Proposed Solution | Expected Impact |
|------------|-----------------|-------------------|-----------------|
| Cafeteria | _____ | _____ | _____ |
| Classrooms | _____ | _____ | _____ |
| Playground | _____ | _____ | _____ |

Question 4

[10 marks]

Calculate your daily water usage and suggest three ways to reduce it:

| Activity | Average Usage (Liters) | Your Usage (Liters) |
|--------------|------------------------|---------------------|
| Shower | 65L per shower | _____ |
| Toilet Flush | 9L per flush | _____ |
| Hand Washing | 2L per wash | _____ |

Your water-saving suggestions:

1. _____
2. _____
3. _____

Question 5

[15 marks]

Design a community awareness campaign about sustainable resource management:

Campaign Planning Template

Campaign Name: _____

Target Audience: _____

Main Message:

Communication Channels (list three):

1. _____
2. _____
3. _____

Activities (describe two):

1. _____
2. _____

Expected Outcomes:

