

Student Name: _____

Class: _____

Date: _____

Part 1: Understanding Our Resource Challenge

Initial Investigation

Before we begin our zero-waste journey, let's assess our current understanding and habits.

1. What do you think "zero-waste" means? Explain in your own words.

2. List three items you or your family threw away today. Could any of these have been reused or recycled?

3. Draw and label a diagram showing where you think your household waste goes after it leaves your home.

24-Hour Waste Audit

Track all waste produced in your home for one day using this table:

Item	Category	Could it be avoided?	Alternative solution

Reduce, Reuse, Recycle Challenge

For each R, identify three actions you can take at home:

Reduce:

Reuse:

Recycle:

Creative Solutions Challenge

Design a new way to reuse a common household item that usually gets thrown away:

1. Item chosen: _____

2. Draw your design below:

3. Explain how it works:

4. What problem does it solve?

Resource Sharing Initiative

Community Sharing Project

Design a resource-sharing program for your school or neighborhood:

- Identify resources that could be shared
- Create rules for sharing
- Design a tracking system
- Plan how to maintain shared items

Outline your sharing program plan:

Personal Zero-Waste Action Plan

Set your zero-waste goals:

This week, I will:

This month, I will:

This year, I will:

Progress Tracking Chart

Action	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Refused single-use plastics							
Used reusable containers							
Composted food waste							

Share Your Learning

Create a presentation for your family about what you've learned:

- Include key facts about waste
- Share your waste audit results
- Present your action plan
- Propose family changes

Write your presentation outline: