Recycling Drive Report

2nd Grade Math Project · Earth & Environment

Grade 2 · Remedial

Name: _____ Date: _____ Class: _____

The Challenge

Our school is collecting cans to recycle! Every class counts its cans. Help total the results and write the report.

You will make: Recycling Report

I can…

- I can add three-digit numbers, making new tens and hundreds.
- I can subtract three-digit numbers, breaking apart tens and hundreds.
- I can explain my method with place value.

Materials

- Pencil
- Base-ten blocks
- Data card

Steps

1. Part 1: Class Totals
2. Part 2: Comparing Classes
3. Part 3: The Goal
4. Part 4: Recycling Report
5. Check your work and share your recycling report.

Look for the yellow Hint boxes. They show a first step.

Part 1: Class Totals

Use the collection card.

Class	Cans
Room 1	234
Room 2	152
Room 3	315

1. How many cans did Room 1 and Room 2 collect together?

Hint: Add hundreds, tens, ones.

2. Did you need to make a new ten or hundred? Explain.

Hint: Look at each place total.

Part 2: Comparing Classes

Find the differences.

3. How many more cans did Room 3 collect than Room 1?

Hint: Subtract and check by adding.

4. How many more cans did Room 1 collect than Room 2?

Hint: Break apart a ten or hundred if needed.

Part 3: The Goal

The school goal is 500 cans.

5. How many cans did all three rooms collect?

Hint: Add two rooms first, then the third.

6. Did they reach the goal? How many more or extra cans?

Hint: Compare the total with the goal.

Part 4: Recycling Report

Make a report poster with the totals and one difference.

7. Show one sum and one difference with blocks or a written method.

Hint: Frame: “Room __ collected __ more cans than Room __.”

Extension Challenge

Next week Room 2 collects 100 more cans than this week. How many is that?

How your project will be scored

Learning target	4 Exceeds	3 Meets	2 Approaching	1 Beginning
I can add three-digit numbers, making new tens and hundreds.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can subtract three-digit numbers, breaking apart tens and hundreds.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can explain my method with place value.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can explain my thinking with pictures, numbers and words.	Clear for every part	Clear for most parts	Some explanation	Little explanation
My recycling report is complete and matches my math.	Complete, neat, accurate	Complete	Partly complete	Not complete