



Worksheet 3 — Reduce Our Waste Challenge

Investigation 3 — Student Worksheet

Names: _____ **Date:** _____

Part 1 — Our plan (Lesson A)

Our strategy is: _____

The ONE thing we are changing: _____

Things we are keeping the same: _____

My prediction: our average fill will change from about ____ % to about ____ %.

Step 2 — Our data

Day	Baseline week (%)	Challenge week (%)	Anything unusual?
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Average			

Baseline average = (add the 5 values) ÷ 5 = ____ %

Challenge average = (add the 5 values) ÷ 5 = ____ %

Part 3 — How much did we improve?

Improvement = (Baseline average – Challenge average) ÷ Baseline average × 100

Improvement = (____ – ____) ÷ ____ × 100 = ____ %

Part 4 — Was it a fair test?

List anything unusual that happened in either week that could have changed the result.



Part 5 — My verdict

Did our strategy work? Use your numbers as evidence.

Part 6 — My recommendation

One thing our school should do about waste, based on our evidence: