

Bin Materials Audit for Students

In **60 minutes** a team of students will audit the material from 6 bins in the school:

- 1 landfill bin and 1 mixed recycling bin from a **classroom**
 - 2 landfill bins and 2 mixed recycling bins from an **outdoor** area
- (if there are no mixed recycling bins in the classroom or outdoor area then use extra landfill bins)

How:

1. Each student will need:
 - a. **Tongs** – because you should not touch the items with your hands
 - b. **Safety glasses** – because you really don't want bin dust or bin juice in your eyes
2. Split the team into 2 groups. Each group takes 1 of the pre-prepared bin bags and notes its original location and type on a record sheet. Then **carefully** empty the bag into the large plastic tray provided. With all students working as carefully as they can, divide the contents of each bag into the labelled containers.

Safety-tip! SPEED is not as important as SAFETY or ACCURACY! Take your time, and don't forget to respect your classmates – No Throwing the Bin Contents!
3. Your KESAB facilitator will show you how to use the equipment provided to measure the weight and volume of each type of material that you find. Record the totals for each bag.

Notes:

As you work, take note of how well people are using the bins provided. Are the materials you found very mixed? Is this because people don't have any other options?

Discuss together what you think explains the pattern of materials you have found in each bin.

This is just one day for 6 bins – how does this compare to every bin in the whole school put together?





STUDENT BIN MATERIALS AUDIT Recording Sheet

Please Circle: Indoor Bin / Outdoor Bin

Please Circle: Landfill Bin / Mixed Recycling Bin

Where were these bins?

	Category Description	Mass in Kilograms (kg)					TOTAL	Volume in Litres (L)					TOTAL	Comments	
R E D U C E	Packaging - Food & Drink													No of bags	No of cutlery
	Packaging- Ziplock bags and Cutlery														
	Packaging- Small tubs (fruit/ yoghurt)													Number:	
	Packaging – Yoghurt Squeezies													Number:	
	Other (for LANDFILL only)														
R E C Y C L E	10c Containers													Number	
	Paper & Cardboard (white or coloured paper/cardboard)														
	Recyclables (CLEAN- cans, rigid plastic containers, etc)														
	Clean Soft Plastic (plastic wrap from office/library/canteen)														
	Electrical Materials (batteries, computer bits, lights, cartridges)														
C O M P O S T	Food scraps (eaten and unwrapped)														
	Compostable paper (hand towel, tissues, canteen bags)														
	Garden materials (leaves, twigs, soil, etc.)														
	Uneaten Food (still wrapped or uneaten)													Number	
R E U S E	Reusables (pens, stationery, craft material, bags, etc)														
	Single-sided Paper														

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