WASTE MANAGEMENT COSTS

General waste

It is useful for your school to know the cost of its waste removal and recycling practices.

This section shows you how to calculate these costs over a 12-month period. It can also be used to monitor your school's future expenditure and how it is affected by any new strategies to reduce waste.

General waste going to landfill

Your school's general waste may be picked up in skip bins that are measured in cubic metres, or in mobile garbage bins (MGB) that are usually 240 litres in size. (Note 1000 litres = 1 cubic metre).

Step 1: How many people are there in your school? (students and staff) _____ **(A)**

Step 2: How many bins does your school have? _____

Step 3: What is the volume of each bin? _____ (cubic metres or litres)

Step 4: How many pickups are made (weekly or fortnightly)?_____

Step 5: Use the information from your school's general waste removal and recycling bills to fill out the table below.

Billing periods (from - to) *e.g. 18 Jan 2002-12 Apr 2002 = 86 days*	**Total costs of each waste bill (include rental and removal) ($)**	**Total volume removed per period (either in cubic metres by skip or litres if a bin)** *e.g. 6 m^3 (2 skips)*
1st Period *(list the days e.g. 86 days)*		
2nd Period		
3rd Period		
4th Period *(add extra rows when needed as some bills are monthly)*		
Total days billed for _____ **(E)** *(should be close to 365 days)*	**(B)** $ _____	**(C)** Total volume in _____ cubic metres or ---------- litres

Step 6: General waste calculations

- The annual cost for collection can be worked out by **(K)**
  (B) $_____ = $ _____ / year **(K)**

- Average daily cost for collection **(M)**
  (K) $_____ ÷ **(E)** = $ _____ / day **(M)**

- Average cost per student
  (K) $_____ ÷ **(A)** _____ = $ _____ /student / year

- The volume going to landfill each year is **(C)** _____

- Average volume for each student
  (C) _____ ÷ **(A)** _____ = _____m3 or litres / student / year