

Wendell's Waste Watch Weeks



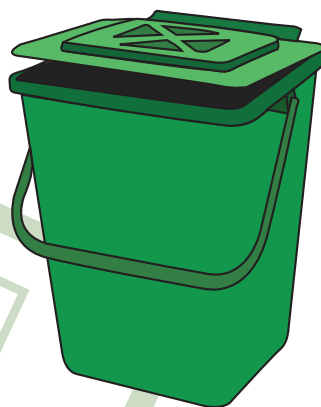
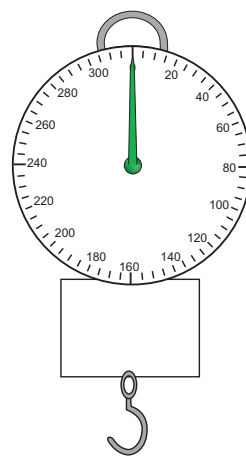
We need to find out how much waste is going into our compost bin every week.

We can do this by weighing the collection bins before they are emptied into the compost bin.

Remember -The weight of the collection bins should not be included.

$$\begin{aligned} \text{Weight of bin and compost waste} &- \text{weight of bin} = \text{weight of compost waste} \\ \text{E.g. } 500\text{gms} &- 450\text{gms} = 50\text{gms compost waste} \end{aligned}$$

1. Weigh an empty collection bin and record how heavy it is.
2. Use the weighing scales, weigh each collection bin before it is emptied into the compost bin.
3. Subtract the weight of the collection bins to give you the correct weight of compost waste.
4. Record the weights in grams in the records table.
5. Repeat this for at least 5 weeks to get an average.



Waste Watch Record

Wendell's Waste Watch Record Table

Name: _____

The collection bin weighs _____ grams (gms)

Use the table below to record the amount of compostable waste in gms

Week Number

Bin	Monday	Tuesday	Wednesday	Thursday	Friday	Total
E.g. playground	450	675	250	385	250	2010gms
Weekly total of all bins (gms)						



Wendell's Waste Watch Results



Name: _____

1. Write your weekly totals in the spaces provided below.

Total amount of compostable waste in week 1 = _____ gms

Total amount of compostable waste in week 2 = _____ gms

Total amount of compostable waste in week 3 = _____ gms

Total amount of compostable waste in week 4 = _____ gms

Total amount of compostable waste in week 5 = _____ gms

To calculate the weekly average, add all the weekly totals together and divide by the number of weeks.

e.g

Week 1	
+ Week 2	
+ Week 3	
+ Week 4	
+ Week 5	
<hr/>	
Total	_____ ÷ 5 = average

2. Calculate the weekly average of compost waste:

3. Multiply the average weekly total by the number of school weeks in a year (40). This will give you the amount of compostable waste in gms the school can compost in one year:

Average weekly total _____ X 40 weeks = _____

4. Change your weights from grams to kilograms (kg).
(There are 1000grams in a kilogram).

e.g 6,00gms = 6kg

8,500gms = 8.5kg

Our school will compost approximately _____ kilograms (kg) of compost waste in one year.