



Waste Audit Follow Up Activity – Mathematics Year 5

Teachers' Notes

For this activity, use the Waste Audit Report Excel 2007 spreadsheet; but make sure you use the data contained on the relevant Waste Audit tab. The activity uses data handling and interpretation to find the answers to relevant questions. This work could be carried out in pairs, or individually. Please print out the question sheet for your pupils to use as their guide.

National Curriculum links:

Mathematics—Statistics

Pupils should be taught to:

- Complete, read and interpret information in tables, including time-tables.

Learning Objective:

Draw conclusions, using ICT to present features, and identify further questions to ask.

Activity:

You have carried out a Waste Audit and now need to analyse and draw conclusions from the data collected. The aim of this investigation is to work out what areas of waste could have been recycled and to create a graph to show this.

Using the table of data, answer the following questions.

- How much waste did you audit in total?
- Looking at the spreadsheet, what percentage of the waste was composted and recycled?
- Once you know what percentage of waste was recycled or composted, calculate what percentage went to landfill.
- Looking at the waste you would have sent to landfill, identify which categories could have been recycled or composted.
- What was the mass of the waste that could have been recycled?
- Create a graph to show the different category totals. Choose a way to show which categories could have been recycled.



Name: _____

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- What was the mass of the waste that could have been recycled? _____
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