



Waste Audit Follow Up Activity – Mathematics Year 3

Teachers' notes

This activity is designed to be carried out in a classroom with an interactive whiteboard or Projector. It could also be carried out in a computer suite where the children would have access to the graph of results included in the Waste Audit Report Excel 2007 spreadsheet. You have the option of cutting and pasting the graph onto the following worksheet.

National Curriculum links:

Mathematics—Statistics

Pupils should be taught to:

- Interpret and present data using bar charts, pictograms and tables
- Solve one-step and two-step questions, such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables

Learning Objective:

Answer a series of questions by interpreting data from a graph.

Activity:

Look at the graph which shows what materials were in the rubbish that we sorted.

- What material did the school throw away the most?
- Which material was the least common in the waste audit?
- Read the scale of the graph; roughly how much white paper was collected?
- Which 3 materials are the biggest waste problems for your school?
- Roughly how many grammes of plastic bottles and other plastics were there altogether?
- What is the difference in grammes between white paper and coloured paper?



Name: _____

Learning Objective:

Answer a series of questions by interpreting data from a graph.

Activity:

Look at the graph showing the materials we found in the rubbish.

Space for graph

- What material did the school throw away the most? _____
- Which material was the least common in the waste audit? _____
- Read the scale of the graph; roughly how much white paper was collected? _____
 - a) Which 3 materials are the biggest waste problems for your school?

 - b) Roughly how many grammes of plastic bottles and other plastics were there altogether?

 - c) What is the difference in grammes between white paper and coloured paper?
