Bar Charts

Description:
Interpreting bar charts to find answers to questions and creating new charts with collected data.

Numeracy Strategy reference:	Task analysis:
Year 3 Handling data Organising and using data p92	Pupils are required to: • Interpret existing bar charts • Answer questions using bar charts • Create their own bar charts

Learning Objectives:

Pupils should be taught to solve a problem by collecting, sorting and organizing information in simple ways.

Suggested activities:

Oral work and mental calculation:
Counting in twos, twenties, two hundreds, two thousands … forwards and backwards starting from different numbers e.g. 17

Teaching activity:
Demonstrate and talk the children through examples of bar charts where the scale is in twos. Discuss the axes and what the columns represent. As a class discuss the *Wonderful World of Wellies'* sales figures and Flash generated activity sheet. Demonstrate how to draw Sunday's sales on the blank graph. In their group the children should go on to complete the bar chart and answer the set of questions.

Using the Flash graph-drawing program, demonstrate how to create individual bar charts. In groups, pupils should create their own shop sales charts and set questions for others to answer.

Plenary:
Children to bring their own bar charts back to the whole class session and explain their findings. Teacher to provide 'Wonderful World of Wellies' chart which shows the opening hours and then to pose problems for the children to solve using their bar charts.

Resources:
'Wonderful World of Wellies' printable activity sheets.
Flash graph drawing program.

Learning outcomes:
Pupils should be able to:
• Make simple bar charts.
• Analyse and interpret bar charts to answer questions.

Extension activities:
Using the printed sheets provided, pupils transfer the data to create their own bar charts on favourite flavoured crisps and/or class pets. Pupils can then draw up questions for others to answer as required.