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National Curriculum

Family pictogram

Activity Description

In this activity, pupils created a pictogram using simple data-handling software. The teacher asked the pupils to collect data on a variety of given themes. The choice of themes for investigation was determined by the options available within the programme. In this example, the pupils conducted a survey on the variety of family sizes within the class.

The teachers then showed the pupils how to construct a tally chart. Using a chart, the pupils collected information from the rest of the class. Later, the teacher demonstrated to the class how information from a tally chart could be entered into the data-handling software. Throughout the week, pupils took turns to enter their data into the program and print out their results.

The teacher asked the pupils to use the print-outs to answer simple questions such as 'Which is the most common size of family?'

Activity Objectives

To understand that data can be collected and presented graphically as a pictogram.

To use pictograms to answer simple questions.

To use ICT to create pictograms.

Commentary

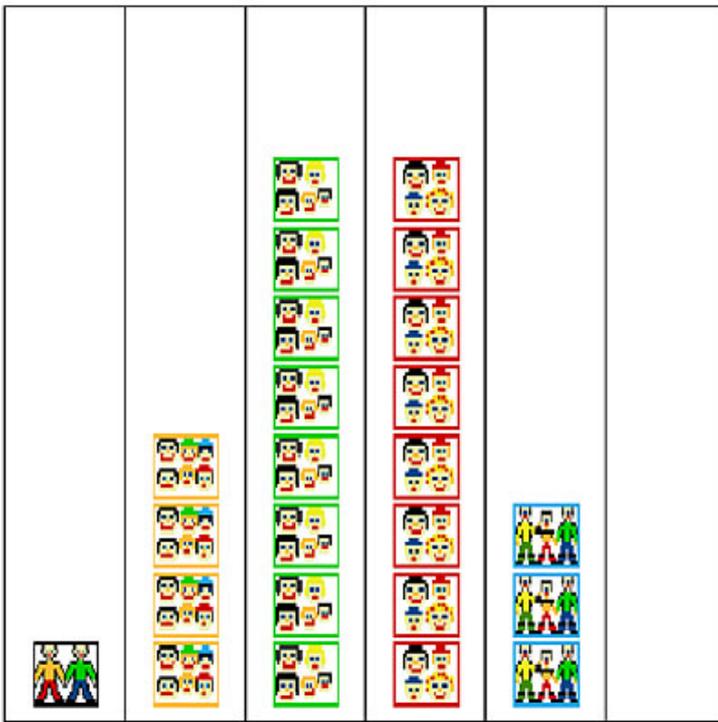
In this example, Gena has used ICT successfully to create a pictogram. She has collected and entered data into the program to present information graphically.

She has used the pictogram to answer simple questions such as 'Which is the most common family size?'

This example illustrates aspects of work at level 1. Gena collects data using a tally chart, and creates a pictogram showing some understanding that information exists in different forms. She works with text, numbers and images to share information and answer straightforward questions.

To make further progress, Gena might be given opportunities to collect, organise and investigate information using a simple database package.

Screenshot of Gena's pictogram



Subject: ICT

Year: 1

Key stage: 1

Evidence for: Level 1

NC programme of study: p1a, p2a, p3a

This content relates to the 1999 programmes of study and attainment targets.