

Branching databases – Year 6

Software - Resources

Ask Oscar database program

Context

Branching databases had to be taught in Maths you could either choose, or let the children choose, their own objects to sort and use the computer to display their 'trees'.

Organisation

The children work in pairs to collect and present their work.

Activity

In pairs, the children choose five objects to start with, to sort—shapes, musical instruments, birds etc.

- They had to write a brief description of the objects and insert a picture into the program which was taken from Clipart or taken by digital camera.
- They had to realise that all the questions they entered had a 'yes' or 'no' answer and then proceed to sort their objects into their branching database.
- They checked their database with another pair of children to make sure it was correct, amended it if necessary. Ask Oscar has a question feature to assist testing.

Conclusion – Extension work

The extension activity would involve more objects to sort involving greater questioning and research. A presentation could be made to show the results of research. The Internet could be used as a source of information.

Curriculum links

Maths - Collect and represent discrete data using a computer where appropriate Music - Explore musical instruments

ICT curriculum links

Use ICT equipment and software to:

- communicate, share and exchange ideas and information in a variety of forms.
- organise, reorganise and analyse ideas and information.

