

## Midlothian Council ICT Strategy

### Opportunities for ICT in Environmental Studies

As in the previous example showing links between ICT and maths, there are a great many opportunities to use ICT in environmental studies.

ICT can make a significant contribution to the skills attainment outcome of social subjects. By using software from the Midlothian Software Toolbox such as *Microsoft Works*, and *Word*, skills in planning can be developed by creating simple lists and flowcharts. Using these and other titles such as *Microsoft Publisher* and *PowerPoint*, both simple and more comprehensive presentations and web pages can be created.

As well as using open-content software as above, there are a great many content specific and reference titles that will contribute towards the knowledge and understanding attainment outcomes. The world wide web provides a vast range of reference material, sounds, pictures and other data, which can help children in their knowledge and understanding of topics.

A popular topic studied by Primary 6 and 7 classes in Midlothian is ‘The Rain Forest’.

The following table shows where ICT can contribute to this topic. As can be seen, the main ICT strands contributed to are *searching and researching*, *creating and presenting* and *collecting and analysing*. However, there will be opportunities to cover *using the technology* and depending on the type of work carried out, there may be opportunities for *communicating and collaborating*.

This table could be used as part of a forward plan/scheme of work and spaces have been provided for possible lesson outlines. Examples of appropriate software, which can be found in the Midlothian Software Toolbox, are also given.