

What are Geographical Information Systems?



- They turn maps into a 'layer cake' of information
- Information can be accessed at a variety of scales very quickly
- They bypass the mechanical processes of mapmaking
- Tables of results can be quickly mapped
- The resultant maps often reveal underlying trends and patterns
- Some systems can turn maps into 3D models, making the landscape seem more real

GIS are a new way of joining up the World!

Why Use GI Systems (GIS) in Your Classroom?



GI Systems (GIS) find a natural place in the geography curriculum because of their spatial dimension and ability to inform geographical enquiry, and they:

- ❑ are less abstract than many other ICT tools and the value of use can be readily appreciated
- ❑ allow higher levels of achievement
- ❑ develop analytical and spatial skills that can be used throughout life
- ❑ present material in a different way
- ❑ enrich the quality of geographical education by providing a valuable source of information
- ❑ provide a valuable teaching and assessment tool for teachers