

## Web Design

It is important that I gather all information possible for my website. Professional websites will be helpful in giving ideas on different parts of designing my site.

I will need to research the following to help me in the designing process of my site:

- Look at different websites connected to the Northern Ireland Conflict
- Study different web frames
- Study the ways of vocabulary styles
- Look at how photos are set up on other sites
- Look at what colour schemes other sites use, background colour & foreground

There are a lot of different websites on the Northern Ireland Conflict that can be analysed on the World Wide Web, I will hopefully be able to take some ideas and transfer them onto my site, to browse the net for the information I need I will use search engines like Yahoo ([www.yahoo.co.uk](http://www.yahoo.co.uk)) & Google ([www.google.co.uk](http://www.google.co.uk)) to help me find what I need quickly.

The Internet is the global interconnection of networks, and independently connected computers.

The internet is a way of connecting computers so that people can use them to talk to each other, work together, share information and send messages, the internet is also used to buy and sell, and as an information source.

The main uses of the Internet are as follows:

- E-mail, (electronic mail) remote control of remote equipment
- WWW (world wide web)
- Video Conferencing
- Remote Data Acquisition

The Internet is a global network, it is not owned by any country or organisation and is also not controlled by any political pressures, and laws and regulations govern data, which is carried on the Internet.

An intranet is a communication system providing similar services to the Internet solely within a particular company or organisation.

An intranet provides an organisation with services that are accessible by authorised users only and also has security for confidential information.

## Web Design

Intranet may use the Internet to allow access by authorised users anywhere in the world; part of the intranet may allow public access, which gives the organisation the opportunity to advertise itself using the Internet.

The Internet access to an intranet is also called an extranet.

The Internet is an infrastructure of interconnected networks, which communicate using TCP/IP (transport control protocol/Internet protocol) standard.

TCP/IP is a standard set of rules used to ensure proper transfer of information between computers on the Internet; protocols define how data is to be structured and what control signals are to be used and their meaning.

TCP/IP is the working practices, which allow all internet users and providers to communicate with each other whatever their equipment may be, is specifies how individual signals are sent over the internet.

Security firewalls and gateways are all ways of securing data on the Internet and preventing hackers from gaining access to your computer.

Modern society is dependant on computer systems and data they contain, this dependence provides opportunities for anti-social behaviour such as:

- Unreasonable use of personal data, to use cross referencing to reveal new, unrelated and perhaps embarrassing information
- Electronic vandalism where software or data is deliberately damaged
- Creating viruses which cause random damage to software or data
- Theft of valuable information

These are dealt with through the effect of legal punishment under the Data Protection Act and Computer Misuse Act, through using a variety of security measures to make abuse difficult.

The data protection act protects individuals from unreasonable use of stored personal data; this data may be very embarrassing or could be used to blackmail the individual, even if the individual has done nothing wrong.

## Web Design

An example of computer data is potentially more dangerous than paper documents as data can be retrieved electronically from a computer anywhere in the world.

Other web server requirements include:

- A Proxy Server
- Portals, Gateways & Directories
- Firewall

The school Internet system is very easy to use, the system is controlled by a programme called RM connect, each pupil & teacher in the school has a username and a three digit password to log on to the computers, this helps to show who has been abusing the system and what sites are being visited by each person.

The Internet in the school has restrictions on it; chat rooms and mature websites are among the many different types of websites that are restricted by the system.