

How Does It Work?

The Internet.

Beginning:

Statistic

“Research shows that we now spend 2 minutes, 42 seconds making love and a whopping 22 minutes, 30 seconds at least surfing the internet every day”.

Narration-(Introduction)

The internet is a worldwide phenomenon which is part of our everyday lives now but how does it work?

The internet is made up of loads of computer networks exchanging data. The data sent over the internet is broken down and then sent as smaller manageable chunks of data known as packets and it is then made whole when it reaches its destination.

This idea came from the American air force and one man in particular Paul Baran.



Each computer connected to the internet has a unique address. This is known as an IP Address. Each webpage also has an IP address these are like coordinates on a map. The information can pass along any path on its way to you but IP addresses are the start and end point of the information's journey.

So we know how the information travels, but how does it display that information on our computer screen?

Tim Berners-Lee came up with the idea of HTTP or hypertext transfer protocol this was a set of rules that could control the movement of the data on the internet.

Tim Berners-Lee also invented the world's first Internet browser this was an application like internet explorer, Mozilla Firefox that could be used to control http rules to access and view the data. This was the start of the World Wide Web.

Many people think that the internet is the World Wide Web but this is not the case. The internet is the network of computers and the World Wide Web is the system of interlinked hypertext documents accessed using the Internet.

Web browsers pull together coded information using HTTP and translate that information into what you see on your screens web pages. The most common code used in creating web pages is HTML or Hypertext Mark-up Language. HTML is a language, just like English or French that the computer understands and uses to create web pages.

The World Wide Web is a massive part of the internet but the most commonly used service on the internet is electronic mail, or E-mail. People use it to advertise, inform and generally communicate with friends, relatives, partners, even your granny. Next week we will look at how Email works?

End

Statistic

“In the time it has taken you to watch this documentary statistics show you could have made love”.