Visit the following resource and answer the questions listed below:

<http://www.explainthatstuff.com/howthewebworks.html>

1. What is the Internet?

**It is a worldwide network of computers that helps you search for a website to gather information for an assignment.**

1. What is the Web?

**The web helps you access data form books and novel and helps you convert them to make the information more unique and sounds better.**

1. What is the difference and similarity between the Internet and the Web?

**The difference between the internet and the web is that the internet is a worldwide network of computers that helps you search for a website to gather information for an assignment and the web is basically helps you gather information from another sources and reference that information to help you use it for a project.**

1. What made it difficult for early computers to communicate?  
   **In the 1960, 1970 and 1980 all of the computers, it was rare for computers to be able to exchange information at all. The machines were incompatible with those for everyone. In 1970 there were personal computers that could only run certain programs because in the old times it was really hard to use a computer. Most of computers that were made were only used for calculating a certain amount of something.**
2. What changed in the mid-1980’s?

**The biggest company IBM started to come up with ways to make a computer that can be used for everything that includes for businesses. Microsoft came up with the program windows, IBM run the same way but IBM computers had some differences, the computers had formats to write a certain code or solve a problem for math or maybe science. The English computer teacher “Tim Berners Lee”, he was working with the company CERN around the mid 1980’s and he tried to figure out what he can add more parts to make all the computers works more better and more people will buy it.**

1. What is ASCII and how did it help solve the communication problem?

**American Standard Code for Information Interchange it was used for writing numbers such as 0-255, also other characters such as A,B,C or 1,2,3, %, &. The system was used to write certain words to write down a script or something.**

1. What does HTTP stand for and how does it work?  
   **Hypertext Transfer Protocol, it used to write down simple messages and let the web and internet to search for that information, in order use it.**
2. How does a web browser (client) ask for a web page?

**The web browser and the web server uses a few seconds, to search for the information you searched for. The systems looks at all information it can find for that specific part and that finds information in depth. The servers help you search for the information you need or want.**

1. How does a web server (server) reply to a web page request?

**HTTP and HTML are "how the Web works": HTTP is the simple way in which one computer asks another one for Web pages; HTML is the way those pages are written so any computer can understand them and display them correctly.**

1. What dies HTML stand for and how does it work?

**Hypertext markup language, it is basically used to write down special tags in a structure of text.**

1. How is a HTML document different from a regular text document?

**A HTML document is different from a regular text document because a HTML uses certain information like tags, it transfers that info into JavaScript to make the info more unique and better to read.**

1. How are HTML and HTTP different and similar?
2. What are the four main parts of a URL?

* **The http:// bit means your computer can pull this page off my computer using the standard process called HTTP**
* **www.explainthatstuff.com is the address or domain name of my computer.**
* **howthewebworks.html is the name of the file you're currently reading off my computer.**
* **The html part of the filename tells your computer it's an HTML file.**

1. What is the purpose of a URL and why are they important?

**The purpose of a URL is to find the address just using the IP address or domain name of your computer.**

1. What is the simplest way to host a web site?

**You need to figure out the domain of your computer and the web space you get is simply a folder (directory) on the ISPs server and it will have a fairly obscure and search up something similar to this (**[**www.example.com**](http://www.example.com)***/* ).**

1. What is the simplest way to edit a web page?

**The simplest way to edit a web page is to use the text editor to edit the information you don’t need to make it better and having to not fix many errors or bugs.**