***Unit 6 Web Production***

***Why Websites Exist***

#### Websites exist to give people information about different topics around the world for example Sport News and Social Media. Websites also help with businesses to set up for selling and buying products online. It’s easier for customers to access the websites as they can get buy the products through a laptop or phone

#### A website is always accessible even if you’re not your devices like laptop phones etc. is offline it will always be there. They also give you different facts about the world for example Moon facts. But mostly Websites are for people who are in businesses.

#### *How Do Websites Work*

#### Websites work by the server receives the request for a **page** sent by your **browser**.** The browser** connects to the server through an IP Address, the IP address is obtained by translating the domain name. In return, the server sends back the requested **page**.

#### **Web pages** are written in **HTML**, which means Hypertext Mark-up Language. A mark-up language is a computer language that describes the layout, format and content of a page. The Web browser renders the page according to the HTML code.

#### **Web servers** are computers whose job is to respond to a browser’s request for a web page and deliver it through the internet. Pages hosted on a web server can be displayed to anyone all over the world. It is like a hard drive that stores your website files and images. In order to **host** your page on a web server you need to pay a **hosting charge**.

#### *What is the internet?*

#### The Internet is a global networking of computers. This provides information and communication facilities. It is filled with different websites to help you with school work, work and everyday life. This is mostly used for business, making websites and for school work.

#### *What is a web Browser?*

#### *A web browser is an application used to access and view web browsers like Microsoft Internet Explorer, Google Chrome, Mozilla Firefox, and Apple Safari. The primary function of a web browser is to render HTML, the code used to design or "mark up" webpages*

#### *What type of content is displayed on websites?*

#### The First thing you see when you open up a website is the link to your website this is important because without the website wouldn’t work. They also have links to the websites.

#### Next you’ll probably see writing either explaining how things work or what they do. This is really helpful if you’re stuck on a question you don’t know.

#### Some websites might have images and videos to attract you to their website. They are a good way of putting less words into you’re website and makes it more fun for people that click in the website. They also have sounds animations sounds.