Title of Scheme: Year 9 Web Development

Learning Objectives

* Know what makes a web page
* Know how a web browser displays a page
* Basic HTML tags
* Basic CSS rules

Learning outcomes:

* Produce a static website with more than one page (all)
* A dynamic site (uses a web framework, or javascript) (most)
* A mobile site (responsive CSS) (some)

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| Lesson Number | Lesson Objectives | Suggested Activities | Opportunities for Differentiation | Literacy and numeracy | Homework Task |
| 1 | What is a browser?  How do web pages work? | Write down web browsers that you know  Examine web pages  Viewing the code and seeing all sites are really made up of the same things  Match things from the page in the code  LINK TO A PAGE/FILE SHOWING PAGE? | All – view source on page  Most – highlight differences between browsers and pages  Some |  | Make your own fan site.  Due date : Lesson 8  Step 1 create a page |
| 2 | Creating a file containing some HTML tags | Show how to open notepad  Use notepad (or appropriate editor) to make a plain text file  Create a file called page1.html  A file containing  <html> </html>  <head><body><title><p><h1><h2><h3> tags  LINK TO A POWER POINT?  Showing that tags surround content | All – open note pad create file  Most – write tags  Some – write closing tags |  |  |
| 3 | Learn img tag and a tag | Add an image to their page  Create a second page  Link between the two pages | All  Most  Some |  | Step 2 add an image to your page |
| 4 | Learn what CSS is  Learn how CSS is added to a page | Take a supplied css file  Add it to the basic page | All  Most  Some |  |  |
| 5 | Learn basic css rules | Color, background-color, font-size, font-family, margin | All  Most  Some |  | Change the appearance of your page |
| 6 | Take a brief to build the web page | Take a brief for designing a page, what styles might be appropriate etc. | All  Most  Some |  |  |
| 7 | Apply content supplied to a page | Add the given words and pictures to make the page | All  Most  Some | Words – page content | Add some text content to your pages |
| 8 | Demo page | A selection of students will present their websites to the class. Question and answer. |  | Speaking & Listening  Presentation of project | Homework due |