

Teacher: Boone
September 22-26, 2008

Web Mastering

Monday	Hurricane Ike <i>no school 9-12 thru 9-22</i>
Tuesday	<p>Objective: 1E, 1F, 1G summarize the technical needs of a World Wide Web (WWW) server including Random Access Memory (RAM), hard disk capacity, Central Processing Unit (CPU) speed, methods of connectivity, and appropriate software; summarize the development of Internet protocols including, but not limited to, hypertext transfer protocol (http), gopher, file transfer protocol (ftp), telnet, and wide area information system (wais).</p>
	<p>warm-up: Find your "Wordle" Put your first and last name and period on the back.</p> <p>One a separate sheet of paper, Include one thing that you are 'thankful' for the happened in the last week on the back. Include one thing you did to protect any electronic device in your home.</p> <p>Activities: PowerPoint (online). Complete the handout with a partner. When complete, put this sheet in your notebook!</p> <p>Have computers in classroom for student to remove cases, identify parts and then put back together. Students work in groups and will rotate among various computers. Complete handout of computer parts – quiz grade</p>
	<p>Materials: picture of computer, computer lab w/ internet connection, PP slides, server, used computers</p>
	<p>Follow Up/HW: Computer Parts handout, Study for quiz.</p>
Wednesday/Thursday (block schedule)	<p>Objective: use the appropriate syntax for doctypes.</p>
	<p>warm-up: open the gmail account that you created two weeks ago. Include your Last, First name in the subject line. Write the login and password for the student server that you received in class today in the body of the e-mail. E-mail it to yourself and cc me at the following address: smboone@gmailcom.</p> <p>Activities: Become familiar with the following html terms. Editor – notepad, XHTML, DOCTYPE, Elements html, head, title, meta, readability Open linked lesson and complete. Select a text editor to work in to create your first XHTML document. We will use Notepad in this class. Navigate to open Notepad on your computer</p> <p>Learn syntax for the document Type. Create the DOCTYPE declaration.</p> <p>The DOCTYPE declaration is a bit confusing. It identifies your file as an XHTML document and also identifies the specific document type definition, or DTD, that your document utilizes. The DTD is a file that defines the syntax of a language based on SGML. SGML is</p>

	<p>the Standard Generalized Markup Language, a method created in the late 1960s at IBM for structuring documents. It continued to be developed for several decades into its current state. Although SGML is very powerful, it is also cumbersome and confusing for the average user. When HTML was developed, it was based on the attractive properties of SGML and is even referred to as a subset of SGML.</p>
	<p>Materials: Computer Lab with Internet connectivity and lite pro</p> <p>Follow Up/HW: Practice this at home. This program is located in different places on some machines. If Notepad is unavailable, Wordpad or some other SIMPLE text editor will suffice. DO NOT use Word to edit SHTML documents.</p>
	<p>Objective: Use Notepad to write beginning HTML. Use a browser to view pages. Format the document to maximize readability.</p> <p>Activities: Before the beginning of class, the teacher will have to decide if student work is going to be saved on the local computer, network, or storage device. Students will need to understand the basics of a path and creating a file. "Practice Pages" would be a good name for a folder into which students will save their practice Web pages. Optimally, each student will have access to a computer that is in full view of the instructor. If at all possible, the teacher should use a projector connected to the computer to project the lesson to make it easier for students to type in the examples. It will take a while for students to become accustomed to the system being used in the classroom. For the first topic, it would be easiest to use Notepad and a browser. This will allow the students to focus on the HTML concepts being taught. As each section is covered, the students should enter the HTML code and see that it does indeed "work." In Notepad, save the first file as "index.html." Most people use index.html as the name of the main or first page of their Web site. Illustrate the improper nesting of tags such as <code><i>whatever</i></code>. This violates the idea of nesting tags and may contribute to problems later when students create tables or use other features for which the proper nesting of tags becomes critical. Make sure that they understand that "working" does not necessarily mean "correct."</p>
Friday	<p>Materials: Use the PowerPoint presentation to introduce the concepts of HTML. (T.1.PP_1), T.1., Text pages 1-2 through 1-4; T.1.PP_1: PowerPoint Presentation</p>
	<p>Follow-up/HW: Exit Slips http://www.saskschools.ca/curr_content/bestpractice/exit/index.html http://www.nea.org/classmanagement/ifc040316.html</p>