Teacher: K. Allen	Content: An introduction to the use of basic html
Grade Level or Course: PLC	

S	TAGE 1: Desired Results ~ W	hat will students be learning?
Learning Objective		or vith a title and a body vith paragraph tags, headings, line breaks,
Essential Questions & Understandings/B ig Ideas	which consists of codes (tags) e What are Tags? Tags are codes in an HTML do interprets for subsequent displa document is viewed in a browse	anguage) is the language used to write Web pages embedded in the text of a document. cument which the browser reads and then y to a reader. Tags are not visible when an HTML er, but their effects are. Tags begin with the th the closing symbol ">"; and usually come in and one that ends it.
K	<html></html>	Encloses the entire HTML document. These tags let the browser know to start reading and displaying the information presented within. The <head> element contains all information about the document in general. It contains HTML elements that describe the document's usage and relationship with other documents.</head>
Key Vocabulary/Form ulas	<title></title>	The <title> is contained in the <HEAD>
of the document. It is displayed at the top
of the browser window and on the
bookmark list, so it is important to choose
something descriptive, unique, and
relatively short.</td></tr><tr><th></th><td><BODY></BODY></td><td>The <BODY> element contains all the information which is part of the document.
There are a number of different attributes for the <BODY> tag (attributes are the elements included within brackets that</td></tr></tbody></table></title>

change the behavior or appearance of a tag). They are:
"BACKGROUND=" Specifies the image tile that is to appear in the document's background.
EXAMPLE: <body background="<br">"picturename.gif"> </body>
"BGCOLOR=" Sets the background color of the page. In order to do this a six digit hexadecimal number denoting a red-green- blue color value is included. Thus "000000" is black and "FFFFFF" is white and every other color in between is described using these 6 characters in different combination. In addition to the hexadecimal system, there are sixteen color names that (other than black) that can be included in the tags. They are: Aqua, Red, Green, Blue, Violet, Fuchsia, Gray, Lime, Maroon, Navy, Olive, Purple, Silver, Teal, White, and Yellow.
EXAMPLE: <body BGCOLOR="#FFFFFF"> This page has a white background. OR</body
EXAMPLE:
<body BGCOLOR="W HITE"> This page has a white background. </body
"LINK=" Sets the hexadecimal color code for links that have not yet been visited.
EXAMPLE: <body link="#0C6249"> This page has blue links </body>

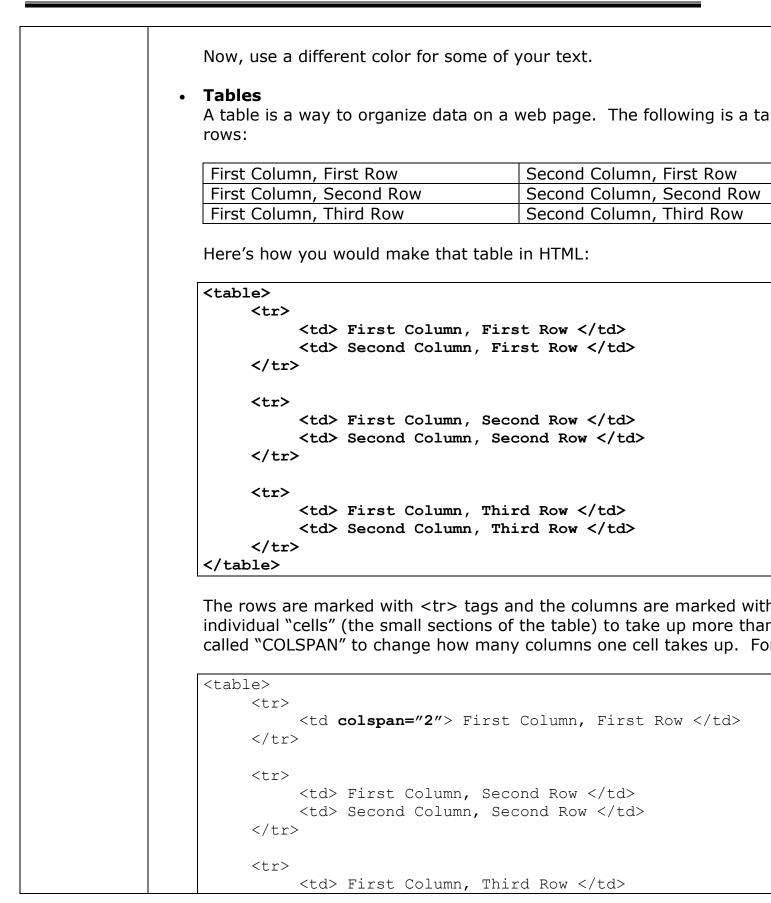
	<pre>VLINK= Sets the hexadecimal color code for links the user has already visited.</pre>
Headings	
-	
<h1></h1> <h6></h6>	Used to set size of headings. Values of 1 through 6; with 1 being the largest, 6 the smallest.
Paragraphs	
<p></p>	Used to denote a plain paragraph.
Links	
<a>	Creates a link to another document or anchor. Attributes:
	HREF"" The URL of a document to which a given document is linked.
	NAME"" Denotes an anchor name.

	Character Formatting	
		Bold text.
	<i></i>	Italic text.
	<u></u>	Underlined text.
	Frames	
	<frameset>T></frameset>	The main container for a frame document. Attributes:
		COLS="" Specifies a frame's column size in pixels or as a percentage.
		ROWS="" Specifies a frame's row size in pixels or as a percentage.
	<frame/>	Contains information about a single frame. Attributes:
		SRC="" The URL of a document to be displayed in a given frame.
		SCROLLING="" Indicates whether a frame has scroll bars (YES, NO, or AUTO).
		MARGINHEIGHT= Specifies a frame "" Specifies a frame margin's height in pixels.
		MARGINWIDTH="" Specifies a frame margin's width in pixels.
	<noframes>MES></noframes>	Used to display text when viewed with a non-frames capable browser.
STAGE 2: Lea	0	rategies and activities you plan to use?
Snapshot/Warm- up Activity	Write down HTML tags an The first example is show	nd their purposes as many as possible. m below:

	Tag Name	Purpose
	<form> </form>	Create a form for user input
	In order to ensure optimal learn	ing I will employ the use of
Instructional Strategies	 interviews; student-centered and collabora the use of online learning strat problem based learning; and open ended questions. 	•

	Power Point Presentations: <u>https://sites.google.com/a/ttsd.k12.or.us/ms-hubbard-s-classes/class-</u> Assignments: <u>https://www.washington.edu/accessit/webdesign/student/lessons.htm</u>
	Assignments: Intps://www.washington.edu/accessit/webdesign/student/lessons.ntm Worksheets: 1. http://www.pma.com.sg/Images/ICT/9781903112618sample.pdf 2. http://www.cyberlearning-world.com/lessons/htmlws.htm Storyboard: 1. http://nmasse.com/courses/ecom205/storyboard.php
	HTTP, Client vs. Server
	1. What does HTTP stand for?
	a. What is hypertext?
	b. What are hyperlinks?
Teaching and Learning	c. What internet port number does HTTP operate on (Hint : Do a G number for HTTP")?
Activities	2. What is HTTPS?
	a. What is the difference between HTTP and HTTPS?
	b. What kinds of websites use HTTPS?
	3. In all of your five internet browsers, try typing in a web site without the
	a. Does it work?
	b. In your own opinion, why do you think we still use "http://"?
	 Client vs. Server There is plenty of vocabulary to learn on the internet. None is more in a client and a server. On the internet, servers are typically big, powerful coprovide content to clients. This content can be files, video, audio, web pag television stations, voice mail, and much more. A client is anything that us provides. This can be an internet browser running on a computer, a digital much more. When you type in "www.google.com" to an internet browser, what is the set

	_ist five servers (like google.com)	and the content that they provide	ue
	Server Name	Content Provided	
			_
			_
		Fonts, Colors, Tables	
	In this lesson, you will learn ho	w to change the type of font, the	e
tabl	les. If you have already done this Changing Fonts	s in class, you can skip this lesso	on.
	 If you have already done this Changing Fonts To change the font of certain te 	s in class, you can skip this lesso ext, surround it with tags	on. s.
	 If you have already done this Changing Fonts To change the font of certain te 	s in class, you can skip this lesso	s.
	 If you have already done this Changing Fonts To change the font of certain te 	ext, surround it with tags ="Verdana">Basic Unit of Li	s.
	 If you have already done this Changing Fonts To change the font of certain te The cell is the <font face<="" li=""> 	ext, surround it with tags "Verdana">Basic Unit of Li	s.
	les. If you have already done this Changing Fonts To change the font of certain te The cell is the <font face<="" p=""> Will result in the web page below The cell is the Basic Unit of Life the	ext, surround it with tags "Verdana">Basic Unit of Li	5.
	les. If you have already done this Changing Fonts To change the font of certain term The cell is the <font face<="" p=""> Will result in the web page below The cell is the Basic Unit of Life the Now change the font in two difference	s in class, you can skip this lesso ext, surround it with tags ="Verdana">Basic Unit of Li ow: ne cell theory.	S.
	 If you have already done this Changing Fonts To change the font of certain te The cell is the <font face<="" p=""> Will result in the web page below The cell is the Basic Unit of Life the Now change the font in two difference Changing Colors	s in class, you can skip this lesso ext, surround it with tags ="Verdana">Basic Unit of Li ow: ne cell theory.	s.
	 If you have already done this Changing Fonts To change the font of certain te The cell is the <font face<="" p=""> Will result in the web page below The cell is the Basic Unit of Life the Now change the font in two difference Changing Colors	s in class, you can skip this lesso ext, surround it with tags ="Verdana">Basic Unit of Li ow: le cell theory. ferent sections of your web page	s.
	les. If you have already done this Changing Fonts To change the font of certain term The cell is the font face Will result in the web page below The cell is the Basic Unit of Life the Now change the font in two difference In order to change the color of Cfont color="red">	s in class, you can skip this lesso ext, surround it with tags ="Verdana">Basic Unit of Li ow: le cell theory. ferent sections of your web page	s.
	<pre>les. If you have already done this Changing Fonts To change the font of certain te The cell is the font face Will result in the web page belo The cell is the Basic Unit of Life th Now change the font in two diff Changing Colors In order to change the color of The cell is the <font <="" face="" pre=""></pre>	s in class, you can skip this lesso ext, surround it with tags ="Verdana">Basic Unit of Li ow: he cell theory. ferent sections of your web page text on your page, you can add ="Verdana"> Basic Unit of Life	s.

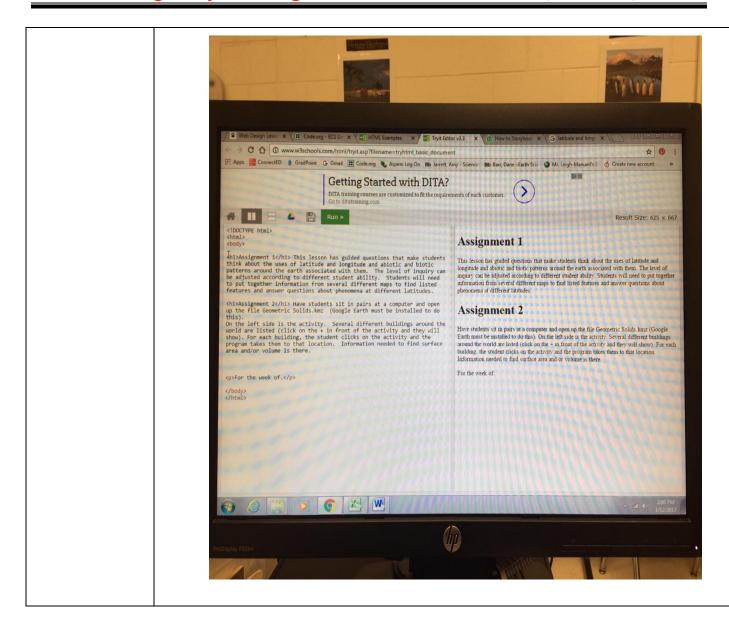


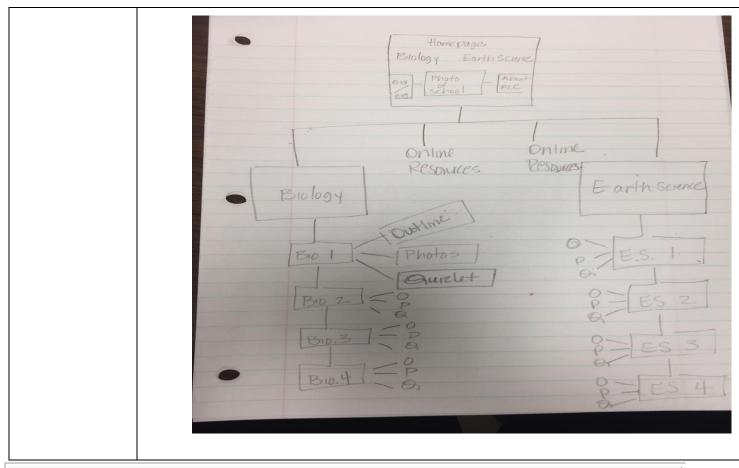
		> Second Column, Th	nird Row
	+</th <th>able></th> <th></th>	able>	
	<u> </u>	ante>	
	Will	look like this:	
	Fir	st Column, First Row	
	Fir	st Column, Second Row	Second Column, Second Row
	Fir	st Column, Third Row	Second Column, Third Row
		v, use the table below to organize e; all of your text should be inside	-
	<ta< th=""><th>ble></th><th></th></ta<>	ble>	
		—	he summary of your page her
	tag	s)	
		Make a list of th	e different pages that you
	<th></th> <th></th>		
			the text of your page in her
	<pre>/+</pre>	able>	
			a know by a mail so that I san s
	Jdv	e your web page on line and let m Resources:	
		nesources.	
		E-pals Regulated Classroom E-mail (free)	
	Higher	http://www.epals.com	
	Level	Internet Decidate	
	Thinking	Internet Projects http://www.etc.bc.ca/tdebhome/int_projects.html	nl
	X		<u></u>
Differentiation	Analyze data,	The BIG PAGE of School Internet Projects and http://www.mts.net/~jgreenco/internet.html	d Educational Technology
	Create	Internet in the Classroom	
	diagrams	Internet in the Classroom http://www.indirect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect.com/www/dhixson/class.html/linearchitect	nl
	and flow	http://www.indirect.com/www/driix50n/cid55.110	<u></u>
	charts	Internet Learning ResourcesBusiness Resound http://www.technologyindex.com/education/pa	
		Classroom Technology Projects	
		http://www.sv400.k12.ks.us/tips/projects.html	
L	L		

A Teacher's Guide to the Internet http://www.solutions.ibm.com/k12/teacher/teachs.html
The Net: User Guidelines and Netiquette Index by Arlene Rinaldi http://www.fau.edu/rinaldi/net/index.html
The Unofficial Smiley Dictionary http://www.eff.org/papers/eegtti/eeg-286.html
WWW Searching http://www.dsmo.com/srchres.htm
The Spider's ApprenticeTips on Searching the Web http://www.monash.com/spidap.html
Davesite Interactive HTML Tutorial http://www.davesite.com/webstation.html
The Home Page Maker http://www.wizard.com/~fifi/pagemake.html
How to Create Webpages http://www.teleport.com/~danal/Pages/making.html
The History of the Internet http://www.davesite.com/webstation/net-history.shtml
The BuzzOnline terms http://www.computer-dept.com/buzz.html
Internet Lingo and Slang http://www.dsmo.com/lingo.htm
Emoticons: Today Online Chat Dictionary http://www.todayonline.com/social/chatdictionary.html
EFF's Extended Guide to the Internet http://www.eff.org/papers/eegtti/eeg_toc.html
Guide to Cyberspace 6.1 http://www.eit.com/web/www.guide/guide.toc.html
Educator's Guide to the Webby Scholastic http://place.scholastic.com/el/index.htm

Checking for Understanding	Question and answer Student teacher discussion Student/Group presentations Homework practice problems
	STAGE 3: Closure ~ What did the students master & what are they n
Lesson Closure & Student Summarizing of their Learning	 Reviewing the key points of the lesson. Giving students opportunities to draw conclusions from the lesson. Describing when the students can use this new information. Previewing future lesson. Demonstrating student's problem-solving process.
Assessment Part 1	The student will create a web page that utilizes one of their gradpoint topics in Bi Anatomy or Chemistry. (http://www.how-to-build-websites.com/basic-concepts/pa Step 1: Let's write some HTML code Open up a text editor like Notepad on Windows and type this (or: Note: Here's a PDF that shows your of the state of the
	Save your HTML file (save it to your desktop so you will be sure to find it!) using your text editor's 'S webPage.html.
	You can choose any name you want, as long as you follow these four rules:
	Web page names cannot have spaces in them: 'web page.html' is no good but 'webPage.html

The name has to end with either .html or .htm; by ending the file name this way you are tellir it should use a web page reader / browser to view it. Don't use funny symbol like: \$, %, ^, & in your page names. Stick to standard letters and nur In Notepad, please save the file as UTF-8. Mac OSX Notes: <u>How to create an HTML document with Mac OSX</u> (PDF)
Step 3: Marvel at your work and view your page
You should be able to now just double-click on the page or open it up with your web browser by goin select your page.
You should be able to see your page in all its glory! Ok, not too much glory, but it was your first hand then compare what you typed with the original I gave you and just go over the process again. You w
If you're not sure if what you created is looking like it's supposed to, you can check out the final pag
STAGE 4: Assessment Evidence ~ What is evidence of mastery
The student may have trouble remembering to use correct syntax for all the different feat back and correct where they made a mistake (error). The students got bored with html la
The student will create and produce a storyboard for a web page that they will design individ The student may have trouble remembering to use correct syntax for all the different feat





Teacher Reflection / Effectiveness of Learning: Each day I will reflect on the types of questions students ask and which processes were most difficult for students to grasp.