**Lesson 2: HTML Skeletons & Basic Tags**

**The Learning:**

***Basic HTML Structure***

*Every single web page you create MUST have a basic skeleton in order to work in a browser.*

* Click the link below, then read through the **Chapter 3** page only:
  + [**http://www.goodellgroup.com/tutorial/chapter3.html**](http://www.goodellgroup.com/tutorial/chapter3.html)

Here is what you really need to know:

* The HTML Skeleton is like a sandwich:
  + **Bread** = <html></hml> (this is what makes the sandwich a sandwich)
  + **Condiments** = <head><head> (key for taste, but are not visible and do not define the sandwich)
  + **Toppings** = <body></body> (the major content of the sandwich, are visible and defines the sandwich)

**The Doing:**

***Opening Notepad***

*Follow the instructions below, save, then show Ms. Hammond*

* Create a new folder within your Web Design folder called “notepad.” Inside this folder, create another folder called “htmlbasics”.
* Open a new Notepad document. Immediately save this document inside your “notepad” folder. Rather than Notepad’s default .text extension, save this document with an .html extension. This saves it in a file format that web browsers can read. To do this, name the file “htmlskeleton.html” (either htm or html will work) and make sure that where it says Save As Type, “All Files (\*.\*)” is selected.
* File organization and naming is EXTREMELY important. All titles must be typed in lowercase, and must contain NO symbols or spaces. It is also important to keep all files (.html, .jpeg, .mp3 etc.) associated with your website in one place (or, folder).

**The Learning:**

***Building Your First (Simple) Website***

* Click the link below, then read through the **Chapter 4** page only:
  + [**http://www.goodellgroup.com/tutorial/chapter4.html**](http://www.goodellgroup.com/tutorial/chapter4.html)

**The Doing:**

***Building Your First (Simple) Website***

*Follow the instructions below, save, then show Ms. Hammond*

* In your Notepad document, create a new html skeleton which includes:
* Title (between <title></title>) your site “Hello World.”
* Add the content (between <body></body>): “Hello world. This is my first web page. How do you like it?”
  + **\*NOTE:** It does not matter how many/few spaces and page breaks occur between your tags and content. These things are unrecognizable within HTML – to add spaces between elements you must use special tags (we will look at these types of tags in the next step!)
* Save your “htmlskeleton.html” document, then close it. Go back into your “html” folder, and double-click it to open it up in your default browser to see what your fancy coding looks like in the form of YOUR VERY FIRST WEBSITE!

***(/8) Comprehension Questions:***

*Respond to the following questions in the space below:*

* (/1) What is an HTML skeleton?
* (/4) What 4 tags is it made up of? In what order?
* (/1) Why is the HTML skeleton so important?
* (/1) What is a document title?
* (/1) Why is a document title important?

**The Learning:**

***Basic Organizational Tags***

* Click the link below, then read through the **Chapter 5** page only:
  + [**http://www.goodellgroup.com/tutorial/chapter5.html**](http://www.goodellgroup.com/tutorial/chapter5.html)

**The Doing:**

***Adding Content to Your Simple Website***

*Follow the instructions below, save, then show Ms. Hammond.*

* Create a new html document in Notepad. Save it as “basicorganization.html” inside your “html” folder. Inside, type in or copy and paste (from your “htmlskeleton” site) the HTML Skeleton into your new document.
* In your Notepad document, use your knowledge of the formatting tags you’ve just learned to recreate the webpage shown in Chapter 5. Substitute content about your own pet or sibling, instead of using “Muffins.” Try to do this by memory before looking at the actual code snippet from Chapter 5. Check your results by opening your document inside a web browser.

***(/5) Comprehension Questions:***

* (/3) What are the basic formatting tags we’ve covered so far?
* (/1) Which of these tags are container?
* (/1) Which of these tags are empty?