

# Hands-On Lesson

to accompany

## *Curriculum Webs, 2<sup>nd</sup> edition*

*Weaving the Web into Teaching and Learning*

By Craig A. Cunningham and Marty Billingsley

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# LESSON 4: Page Editing and Design, Part 2

## DREAMWEAVER MX 2004

This lesson was written by

Craig A. Cunningham

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### ***Goals for this lesson***

- Make the text look the way you want on your web pages
- Insert tables and images on your web pages
- Create links between your web pages

For this lesson, either apply the techniques to the home page you created in Lesson 3, or start a new blank page and try each technique on some random text. (If you want to fill your web page with REALLY random text, try the Lorem Ipsum generator at <http://www.lipsum.com/>).


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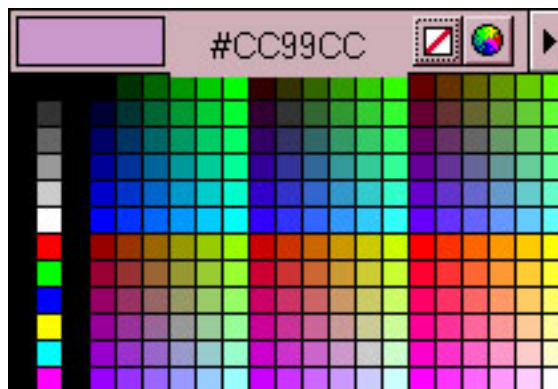
### **Changing the page properties**

The page properties include colors for text, links, background color, and page margins.

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#### ***Dreamweaver***

- Use Modify | Page properties. Choose the color picker buttons  next to each setting and then select colors from the color picker.




- Select any web-safe color from the chart, or click the white square with the line through it to choose no color. The color wheel opens another color

picker that allows you to be more specific in your choice of color (but may result in pixilated colors on the Web).

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## Aligning text

Dreamweaver MX 2004 has a set of buttons that look like this: . These are used to create left, center, and right alignment, and text justification (which lines up both edges of the text).

First, make sure the cursor is in the paragraph you wish to align or justify.

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### *Dreamweaver*

- Use the justification buttons on the Properties Panel.
- Or use Text|Align
- Or press Ctrl+Alt+Shift+L for left, Ctrl+Alt+Shift+C for center, Ctrl+Alt+Shift+R for right, or Ctrl+Alt+Shift+J for justification.

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## Adjusting text colors

When selecting colors for text and links, you should use "browser safe" colors. See Chapter 4 in *Curriculum Webs* for more information about color in web pages.

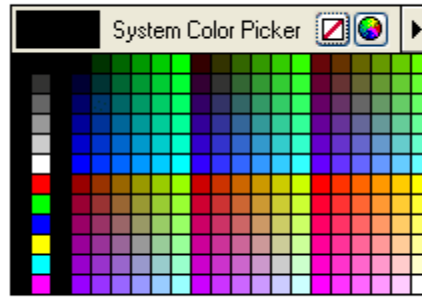
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### *Dreamweaver*

- To set a text color for a specific piece of text, highlight it and use the color picker on the Properties Panel: . Click on the color you want.

If you want to choose a non-browser safe color, choose the color wheel icon on any color picker and choose any color, and add your chosen color to the custom colors available. But be warned that these colors will not work with all browsers.

The color wheel icon is here ↓



The Dreamweaver MX 2004 color picker, showing the location of the color wheel icon, which lets you choose colors that are not necessarily “web safe.”

- Or use Text|Color to reach the color picker that allows you to choose any color.
- To change the default color for the entire page, go to Modify|Page Properties and change the Text color.

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## Applying styles

A “style” is a defined set of font attributes. There are two types. Paragraph styles affect an entire paragraph of text. Headings 1 through 6 are examples of pre-defined paragraph styles in HTML. Another paragraph style is “preformatted,” which keeps the line breaks and spacing that the text has been given already.

The other type of style is a text style. Text styles are applied to one or more characters, and can be combined within words, sentences, or paragraphs. Text styles can include any combination of attributes—including font, font size, bold, underline, or italic—except paragraph attributes such as line spacing.

Predefined HTML text styles include:

- underline
- ~~strike-through~~
- teletype -- a monospaced font
- *emphasis* -- the official version of "italic"
- **strong** -- the official version of "bold"

- `code` -- used for HTML or other programming code
- `variable` -- used when listing HTML code or programs
- `sample` -- used to display text to be entered
- `keyboard` -- used for text that has been entered
- `citation` -- for sources

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## ***Dreamweaver***

Be sure that the cursor is in the line of text you want to change (if choosing a paragraph style) or that the text you want to change is highlighted (if choosing a text style).

- Apply paragraph styles by using the Format drop-down menu on the Properties Panel, or by using Text|Paragraph format.
- To apply predefined styles, use the Text|Styles menu.
- You can also create your own styles using Text|CSS Styles|New ...

The creation of new CSS styles is fairly complicated. See our CSS reference at <http://curriculumwebs.com> or refer to Chapter 4 in *Curriculum Webs*.

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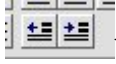
## **Indenting paragraphs**

On the web, it is rare to see text that has the first line of a paragraph indented (as you see in this paragraph); usually, all the lines in paragraph are indented using the HTML tag “blockquote.” To indent just the first line of a paragraph, refer to Chapter 4 of *Curriculum Webs*.

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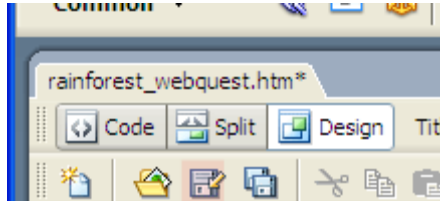
## ***Dreamweaver***

Be sure the cursor is in the paragraph you wish to indent.

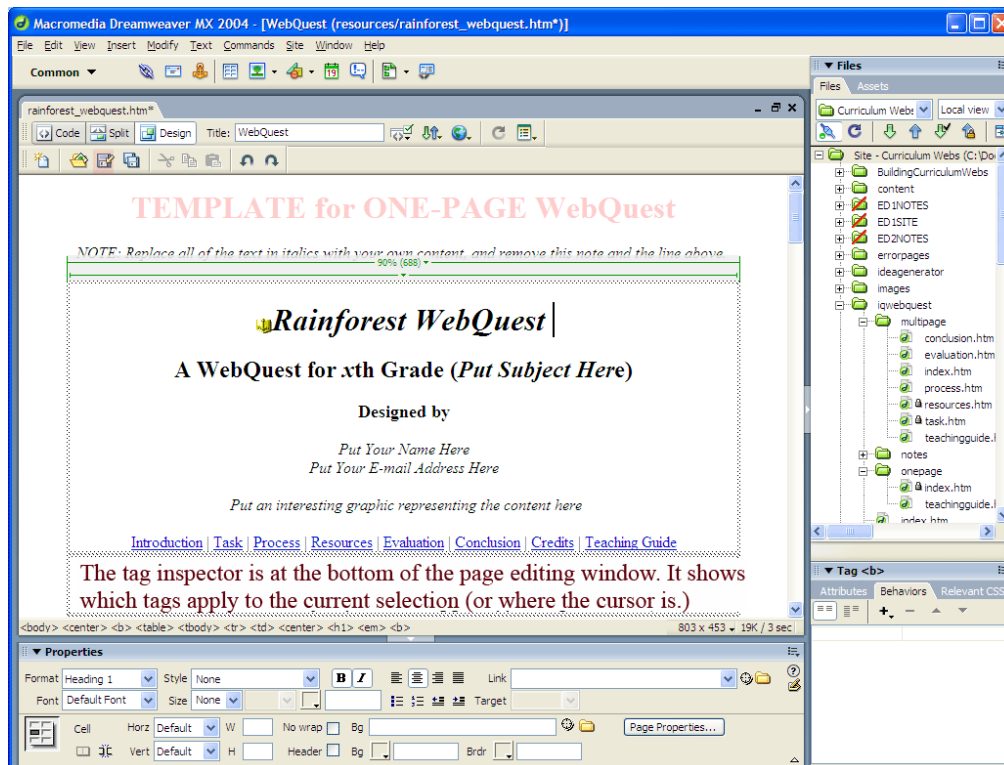
- Use the  buttons on the Properties Panel, or Ctrl+Alt+[ or Ctrl+Alt+].

If your text is not aligning to the left as you expect, then DIV tags are probably involved. Use the Split view to look at the code to see if there are any DIV tags floating around. If so, delete them, as well as the corresponding `</DIV>` ending tags.

- To see the Split view, click the Split button on the Document toolbar, near the top of the page edit window:



- Make sure your cursor is in the text that is not indenting properly (in the Design pane), and look at the code that is nearby (in the Code pane).
- Another option is to right-click (or CTRL-click) any DIV tag that shows up in the Tag inspector at the bottom of the page editing window:



A screenshot showing Dreamweaver MX 2004's tag inspector, at the bottom of the page editing window. All of the tags that apply to a particular context (where the cursor is) show up, and any one can be deleted by right-clicking (CTRL-clicking on a Mac) and choosing "Remove Tag."

## Working with fonts sets

Each web browser has a default font that is used when the page does not specify which font to use. If you do specify a font, you must specify a font found on the client's machine. If you choose an unavailable font, the client's browser will use its default font.

To get around this problem, fonts are grouped into families known as "Font Combinations" or "Font Sets." When displaying text formatted with a font combination, the web browser attempts to display the text in the first font in the set, then the second font in the set, etc. If none of the fonts in the combination are installed on the client computer, the browser uses its own default font.

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### *Dreamweaver*

These combinations are available by default:

- Arial, Helvetica, sans-serif
- Times New Roman, Times, serif
- Courier New, Courier, mono
- Georgia, Times New Roman, Times, serif
- Verdana, Arial, Helvetica, sans-serif

Note that the last two and the first two are similar. Georgia and Verdana are typefaces specifically designed for the Web.

- To apply a font combination, use the Font drop-down box on the Properties Panel.
- You can modify the font combinations in Text | Font | Edit Font List.

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## Inserting a horizontal line

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### *Dreamweaver*

- Use Insert | HTML | Horizontal Rule

- Or, click the Horizontal Rule button on the HTML Insert Panel. (To change the Insert Panel, click the drop-down arrow next to the word Common just under the File menu, and choose HTML.)

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## Creating links

Dreamweaver will allow you to type URLs directly into the link field on the Properties Panel. This is fine if you are linking to an external URL such as <http://curriculumwebs.com> or if you know the relative path to another file within your web site. (You can also paste a URL that you have copied to the clipboard into the link field. Make sure that the text you want to link from is highlighted.)

You can also browse on your local computer and choose a file to link to, and have the path and URL information entered automatically. This is usually a good idea when you are making links to other pages within your web site.

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### *Dreamweaver*

You have a choice of techniques for creating links.


- First, type the text you want to link from. Then highlight the text.

To enter link addresses manually:

- Type or paste a URL or file name into the links field on the Properties Panel. (Typing only the file name works only if the file is in the same folder as the page you are linking from. If you know it, you can also type the path for a file not in same folder.)

OR

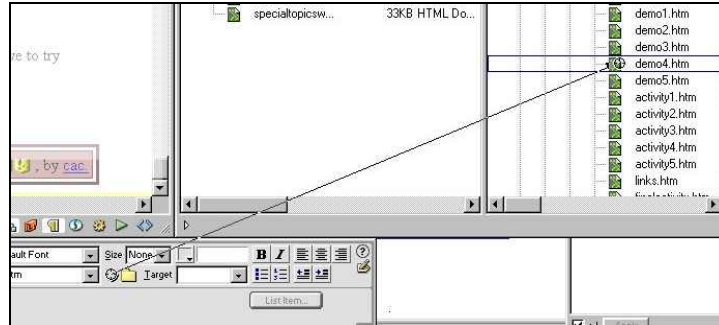
- Use the folder icon:

- ❖ Click the folder icon next to the links field on the Properties Panel: , then choose the correct file from the resulting dialog box. Dreamweaver automatically fills in the correct Document (or root) relative URL (as long as the linked-to file is within the Local Root Folder).

OR

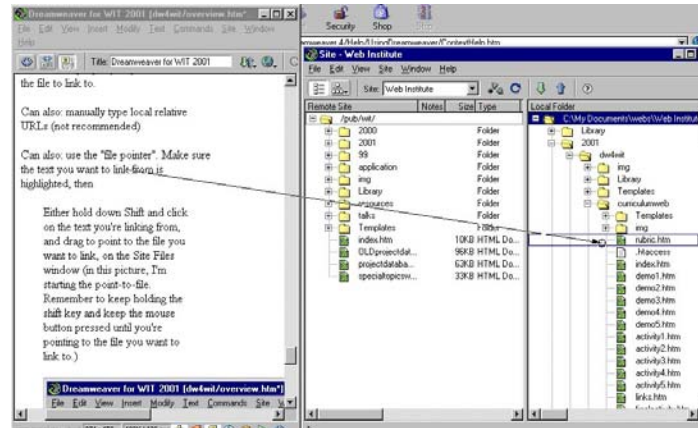
- Use the file pointer:

- ❖ Make sure the text you want to link from is highlighted. Then click and hold the mouse button on the file pointer (in the Properties Panel) and drag the mouse pointer to the site files window; when you are pointing to correct file, release.



Using Dreamweaver's file pointer.

- ❖ You can also highlight the text or image you want to link from, then hold down SHIFT key, click the text (while still holding the SHIFT key) and drag the cursor to the filename of the file you want to link to on the site files list.



Using Dreamweaver's ability to link text to file names. Hold down the Shift key as you click and drag to the filename you want to link to (on the Files panel).

## Inserting images

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### *Dreamweaver*

➤ Use Insert|Image. Browse to the folder that contains the image on your computer, and click OK. Image is inserted at cursor.

OR

➤ Click the Image button on the Common Insert panel , browse to the image, and click OK.

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## Creating anchors

Named anchors (also sometimes called targets and page bookmarks) are specific locations on a web page that can serve as the destination or “target” of a link. They are used in menus to navigate within a page, or can be added to links to the page to specify a particular spot in the page. (We used named anchors in setting up the WebQuest template and also the Teaching Guide template used in Lesson 2.)


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### *Dreamweaver*

➤ Click the mouse where you want the target or named anchor. If there is a heading at the spot, choose a descriptive word and highlight the word (to avoid having to type the word as the name of the anchor).

➤ Use Insert|Named Anchor, or Ctrl+Alt+A (PC) or Ctrl+Opt+A (Mac).

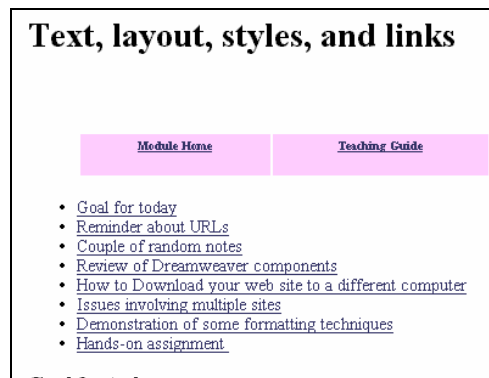
➤ Type a name if necessary. Press enter. The anchor will appear as a little yellow anchor symbol.  To see or change the name of an anchor, click on it and use the Properties Panel.

➤ NOTE: When you create a new anchor by pressing CTRL+ALT+A, the anchor is selected after it is created. Don't type "Enter" to go to the next line or the anchor will be deleted. Press right-arrow and THEN Enter to make a new line.

## Linking to an anchor within the same page

The whole point of creating an anchor is that you can link to it either from within the same page or from another page.

You might want to link to anchors within a page from a menu at the top of the page. For example, this figure shows the menu in one of the “Using Dreamweaver to Build a Curriculum Web” pages. The links take you to sections of the page below the menu.



### A menu linked to anchors with a long page.

Following are the directions for linking to an anchor from within the same page.

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### *Dreamweaver*

➤ To link to a named anchor from within the same page, highlight the text you want to link from, and then type "#" and the anchor's name in the Link field of the Properties Panel.

OR

➤ Highlight the text you want to link from, and holding down Shift key, click and hold the mouse button (continuing to hold the Shift key) and drag to the yellow symbol marking the anchor. Release.

Check that the link appears as a number sign (#) and the name of the anchor. (For example, #anchorname).

## Linking to an anchor on a different page

Anchors can also serve as the target of a link from another page.

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### *Dreamweaver*

➤ Open both pages. Be sure that you can see at least part of the window of the page containing the anchor you want to link to. (Use Window | Tile Horizontally or Windows | Tile Vertically to make all open file editing windows visible.)

➤ Highlight the word that you want to link from. Press and hold the Shift key and click and drag from the highlighted word to the other document window. Pause for a minute to allow the other window to come to the front. Then, continuing to hold Shift, drag the mouse and point to the anchor. Let go.

Check that the link (on the page you are linking from) appears as the other file name, followed by a number sign, followed by the name of the anchor you are linking to. (for example: otherpage.htm#anchorname)

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## Linking to email addresses

When an email link on a web page is clicked, an email compose box pops up with the address already in the “To:” field. (This assumes that the computer has been configured to handle email.)

The examples assume you want to create an email link to [cac@cuip.net](mailto:cac@cuip.net).

First, highlight the text you want to link from (for example, the text “Send email to Craig.”)

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### *Dreamweaver*

➤ Type "mailto:cac@cuip.net" into Link field on Properties Panel

OR

➤ Use Insert | Email Link, and type the email address into the Email field.

## Adding tables

Tables consist of rows, columns, and cells. They can be used for displaying tabular data, for example names and email addresses. They also allow careful positioning of elements on a page. You can nest tables within tables in order to achieve exact placement.

In all of the software packages we cover in the Hands-On Lessons, you can set the color and formatting of individual cells or groups of cells.

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### *Dreamweaver*

- Use Insert|Table, then specify rows, columns, width of table in pixels or percent of browser window, border width (0 for no border), cell padding (within cells, between content and the border) and cell spacing (between cells).

You can also specify whether you want table headers in the left-most column, the top row, or both. (Headers on tables make it easier to read a table by emphasizing the header, and also make it easier for people with visual disabilities who may be using a program to read the screen.)

- Use Tab or arrow keys to move between cells for adding text; if you press Tab while in the last column of the last row of the table, a new row will be added.

The tricky part sometimes is selecting the right cells.

- To select cells, click and hold the button at the beginning of the section you want to select, and drag the mouse to the end of the section you want to select, and let go. Once the table or individual cells are selected, modify the appearance of selected cells or the text contained in them.

- To select the entire table:

- ❖ Click the top left corner of the table, or click anywhere on the right or bottom edge, or
- ❖ Click once in the table and use Modify|Table|Select Table., or
- ❖ Position the insertion point anywhere inside the table, and select the <table> tag in the tag selector at the bottom left corner of the Document window.
- ❖ Selection handles (little dark squares) appear around the table when it is selected.

- To select rows or columns,
  - ❖ Position the insertion point at the left margin of a row or at the top of a column. Click when the selection arrow appears.
  - ❖ Click in a cell, and drag across or down to select multiple rows or columns.
- To select one or more cells, do one of the following:
  - ❖ Click in a cell, and drag down or across to another cell.
  - ❖ Click in one cell and then Shift-click another cell. All of the cells within the rectangular region between the first and second cell you clicked are selected.
- To select nonadjacent cells, do one of the following:
  - ❖ Press Control (Windows) or Command (Macintosh) and click in the table to add individual cells, rows, or columns to the selection.
  - ❖ Select multiple cells in the table, and then press Control (Windows) or Command (Macintosh) and click cells, rows, or columns to deselect them.