AOIT Web Design

Lesson 9

Using Development Tools and Techniques

Teacher Resources

| Resource | Description |
| --- | --- |
| Teacher Resource 9.1 | Prototype: Sample Site Final with about\_me.html, about\_meOLD.html, index.html, indexOLD.html, mylayout.html, mytemplate.dwt, mystyles.css, tips\_techniques.html, tips\_techniquesOLD.html, vertical-nav.lbi, and various images (separate ZIP file) |
| Teacher Resource 9.2 | Assessment Criteria: File Management Structure |
| Teacher Resource 9.3 | Rubric: Web Page Infrastructure |
| Teacher Resource 9.4 | Key Vocabulary: Using Development Tools and Techniques |

Teacher Resource 9.2

Assessment Criteria: File Management Structure

Student Names:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_

Using the following criteria, assess whether the students met each one.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Met | Partially Met | Didn’t Meet |
| The main site folder (the root folder) contains all other folders and files. |  | □ | □ | □ |
| The hierarchy of pages, graphics, and files is appropriate and organized. |  | □ | □ | □ |
| All folders and files follow a consistent, proper naming convention. |  | □ | □ | □ |
| All pages in the site map are represented. |  | □ | □ | □ |
| The home page sits at the top level of the file structure and is in the root folder. |  | □ | □ | □ |

Additional Comments:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Teacher Resource 9.3

Rubric: Web Page Infrastructure

Student Names:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  | Exemplary | Solid | Developing | Needs Attention |
| --- | --- | --- | --- | --- |
| Layout | Layout is exceptionally well designed, and the organization creates functional and aesthetic consistency across the website. | Layout is well designed, and the organization creates functional and aesthetic consistency across the website, but one or two items are inconsistent. | Layout has a few elements of good design but lacks the organization needed to communicate functional and aesthetic consistency. | Layout is messy and contains no coherent visual design. |
| Template Structure | The template is correctly divided into editable and locked regions, and all of these regions function correctly. Each of the regions has an appropriate amount of space for content. | The template is correctly divided into editable and locked regions, but there may be one or two malfunctions of these regions. Most of the regions have an appropriate amount of space for content. | The template is divided into regions, but several of the editable and locked regions do not function correctly. The regions do not allocate an appropriate amount of space for content. | The template is not divided into functioning regions where different types of content can be placed. |
| Template Content | All of the locked regions of the template contain the appropriate content, such as logo, menu items, and copyright. | The locked regions of the template contain the appropriate content, such as logo, menu items, and copyright, but one or two items may not function correctly. | Important content items such as logo, menu items, or copyright are missing, or items that should not be locked are locked. | Most of the content in the locked regions of the template is either missing or incorrect. |
| Navigation | Navigation scheme is clearly organized, with a logical flow from one page to another. The menu is easy to use and appropriate for the site. | Navigation scheme is clearly organized, but one or two links could be improved. The menu is easy to use and appropriate for the site but may have a small layout problem. | Navigation scheme is not clear. It is not easy to move from one page to another. The menu may have some functional or layout problems. | Navigation is extremely disorganized. Menus are nonexistent or nonfunctioning. |
| Child Pages | A child page exists for each page in the site map. All pages function correctly and include appropriate library items, which are used effectively and function correctly. | A child page exists for each page in the site map, but one or two pages may not function correctly. The pages include a library item that is effective, but it may not function correctly. | Some child pages that are in the site map are missing. Some child pages do not function correctly. The library item may be missing or may not function correctly. | The majority of the child pages are missing or do not function correctly. The library item is missing. |

Additional Comments:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Teacher Resource 9.4

Key Vocabulary:   
Using Development Tools and Techniques

| Term | Definition |
| --- | --- |
| absolute path | A link for accessing another web page that is the actual full and complete URL for that page. Absolute paths are best used for links to pages and sites outside of your website (e.g., <http://www.google.com>). |
| child page | A page that has been generated from a template and that takes many of its features and elements from the template. |
| common region | A region of a web page that is common to more than one page in the site. Common regions are generally locked. |
| editable region | An area of a child web page that can be changed (for example, the main content area). |
| locked region | An area of a child web page that cannot be changed (for example, the header or footer). In Dreamweaver all regions of child pages are locked by default, except for the title. |
| project infrastructure | The key items that make up the local version of a website project, including directory structure, initial layout, template created from the layout, child pages, and library items. |
| relative path | A link for accessing another web page that is relative to the current page’s location in the folder structure. Relative paths are best used for links within your website.  Best practice is to omit the actual domain name from the path and start with a slash, which represents the root of the site. For a page that is on your server, the HTML links <a href="http://example.com/about.html/"> and <a href="/about.html/"> are identical from a technical standpoint. But <a href="/about.html/"> gives you some future-proofing if the domain name changes or you need to move the site to a temporary domain. |
| table | A grid with columns and rows that can have different content in each cell. The size of each cell can be specified. |
| template | A master page upon which all other pages are based. Each page may have different content and graphics, but the general structure for every template-based page is the same design. |
| unique region | A region of a web site template that is different on some or all individual pages in the site. The template must designate unique regions as editable. |