

**LITCHFIELD PUBLIC SCHOOLS**  
**Core Curriculum Scope and Sequence**  
**Advanced Web Design**

Name of Unit Weeks	CT Frameworks/ Standards	Content and Skill Objectives Students will be able to:	Assessments	Resources
<b>Interactivity in Web Design Weeks 1-4</b>	<p><b>CT ITL Framework, Content Standard 3, Information Processing</b></p> <ul style="list-style-type: none"> <li>• <i>Demonstrate ability to identify and compare sources of information and apply multiple evaluative criteria, including purpose, point of view, biases and stereotypes, accuracy, continuity and currency</i></li> </ul> <p><b>CT ITL Framework, Content Standard 4, Application</b></p> <ul style="list-style-type: none"> <li>• <i>Use in depth applications of appropriate software and hardware to organize, analyze and interpret information</i></li> </ul> <p><b>CT ITL Framework, Content Standard 5, Technology Use</b></p> <ul style="list-style-type: none"> <li>• <i>Use content-specific tools and software</i></li> <li>• <i>Using telecommunications, collaborate with peers, experts and others to research, compile, synthesize, produce and disseminate information or creative works</i></li> </ul>	<ul style="list-style-type: none"> <li>• Identify and apply multimedia and interactivity design guidelines</li> <li>• Evaluate interactive Web sites</li> </ul> <ul style="list-style-type: none"> <li>• Insert multimedia files into a Web site</li> <li>• Apply DHTML behaviors to a Web site</li> <li>• Design forms, fields and layers in a Web site</li> <li>• Use Google Documents, blogs and “cloud” applications to communicate, collaborate and share information</li> </ul>	<ul style="list-style-type: none"> <li>• Web site Design Evaluation</li> <li>• “Bike and Hike” site project</li> <li>• Seven Continents Web Site design project</li> <li>• <a href="#">Weekly Reader</a> blog writing assignment</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="http://www.misterprescott.com">www.misterprescott.com</a></li> <li>• Adobe Dreamweaver CS3</li> <li>• Evans and Hamm, <i>Introduction to Web Design Using Dreamweaver</i>, Glencoe-McGraw Hill, 2007</li> <li>• <a href="#">InteractImage</a> and <a href="#">CoolText</a> graphics creation software</li> <li>• <a href="#">Web Design Grading Rubric</a></li> </ul>

	<p><b>CT ITL Framework, Content Standard 6, Responsible Use</b></p> <ul style="list-style-type: none"> <li>• <i>Observe local, state and national laws and policies and procedures regarding the use of print and non-print resources, computers, other technologies and networks</i></li> </ul>	<ul style="list-style-type: none"> <li>• Apply the principles of copyright and fair use when acquiring content and graphics for Web sites</li> </ul>		
<p><b>Adobe Flash Basics</b> <b>Weeks 5-8</b></p>	<p><b>CT ITL Framework, Content Standard 4, Application</b></p> <ul style="list-style-type: none"> <li>• <i>Use in depth applications of appropriate software and hardware to organize, analyze and interpret information</i></li> </ul> <p><b>CT ITL Framework, Content Standard 5, Technology Use</b></p> <ul style="list-style-type: none"> <li>• <i>Use content-specific tools and software</i></li> <li>• <i>Using telecommunications, collaborate with peers, experts and others to research, compile, synthesize, produce and disseminate information or creative works</i></li> </ul>	<ul style="list-style-type: none"> <li>• Learn Flash’s interface, panel, and tools</li> <li>• Draw basic shapes and use text in Flash</li> <li>• Create simple tweens and animations in Flash</li> <li>• Import graphics into Flash</li> <li>• Use layers and the timeline to create a layered, animated Flash movie</li> <li>• Use Google Documents, blogs and “cloud” applications to communicate, collaborate and share information</li> </ul>	<ul style="list-style-type: none"> <li>• Seven Continents Web Site splash page design project</li> <li>• Using Adobe Flash Professional CS4 tutorials</li> <li>• Weekly Reader blog writing assignment</li> </ul>	<ul style="list-style-type: none"> <li>• www.misterprescott.com</li> <li>• Adobe Dreamweaver CS3</li> <li>• Evans and Hamm, <i>Introduction to Web Design Using Dreamweaver</i>, Glencoe-McGraw Hill, 2007</li> <li>• Learn Flash Professional CS4 tutorials, adobe.com</li> <li>• InteractImage and CoolText graphics creation software</li> <li>• Web Design Grading Rubric</li> </ul>
<p><b>Advanced Design Techniques</b> <b>Weeks 9-17</b></p>	<p><b>CT ITL Framework, Content Standard 1, Definition and Identification of Information Needs</b></p> <ul style="list-style-type: none"> <li>• <i>Determine a course of action that demonstrates the selection of appropriate strategies and</i></li> </ul>	<ul style="list-style-type: none"> <li>• Identify the stages of the Web site development life cycle</li> <li>• Utilize strategies for maximizing site accessibility</li> </ul>	<ul style="list-style-type: none"> <li>• Artistic Web Site design project</li> <li>• Linear Web Site design project</li> <li>• Weekly Reader blog writing assignment</li> </ul>	<ul style="list-style-type: none"> <li>• www.misterprescott.com</li> <li>• Adobe Dreamweaver CS3</li> <li>• Evans and Hamm, <i>Introduction to Web Design Using Dreamweaver</i>, Glencoe-McGraw Hill, 2007</li> <li>• InteractImage and</li> </ul>

	<p><i>resources for accomplishing a task, independently</i></p> <p><b>CT ITL Framework, Content Standard 3, Information Processing</b></p> <ul style="list-style-type: none"> <li>• <i>Demonstrate ability to identify and compare sources of information and apply multiple evaluative criteria, including purpose, point of view, biases and stereotypes, accuracy, continuity and currency</i></li> <li>• <i>Organize, analyze and synthesize information to draw meaningful conclusions through written, oral, numeric and visual communications, independently</i></li> </ul> <p><b>CT ITL Framework, Content Standard 4, Application</b></p> <ul style="list-style-type: none"> <li>• <i>Use in depth applications of appropriate software and hardware to organize, analyze and interpret information</i></li> <li>• <i>Determine appropriate technology(s) and format(s) to clearly present information gathered from a variety of print and non-print resources, for a variety of audiences</i></li> </ul>	<ul style="list-style-type: none"> <li>• Create and use nested tables in Web pages</li> <li>• Create cascading style sheets and use to standardize page formatting and design</li> <li>• Create image maps for site navigation</li> <li>• Acquire, modify, and customize Java applets—forms, menus, interactive buttons, etc.</li> <li>• Create rollover images and graphics using scripting languages</li> <li>• Use Google Documents, blogs and</li> </ul>		<p>CoolText graphics creation software</p> <ul style="list-style-type: none"> <li>• Web Links</li> <li>• Web Design Grading Rubric</li> </ul>
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	<p><b>CT ITL Framework, Content Standard 5, Technology Use</b></p> <ul style="list-style-type: none"> <li>• <i>Use content-specific tools and software</i></li> </ul> <p><b>CT ITL Framework, Content Standard 6, Responsible Use</b></p> <ul style="list-style-type: none"> <li>• <i>Observe local, state and national laws and policies and procedures regarding the use of print and non-print resources, computers, other technologies and networks</i></li> </ul> <p><b>CT ITL Framework, Content Standard 7, Assessment</b></p> <ul style="list-style-type: none"> <li>• <i>Assess, independently, whether their products meet established standards for process, product and presentation</i></li> </ul>	<p>“cloud” applications to communicate, collaborate and share information</p> <ul style="list-style-type: none"> <li>• Apply the principles of copyright and fair use when acquiring content and graphics for Web sites</li> </ul>		
<p><b>Working as a Team Weeks 18-20</b></p>	<p><b>CT ITL Framework, Content Standard 1, Definition and Identification of Information Needs</b></p> <ul style="list-style-type: none"> <li>• <i>Determine a course of action that demonstrates the selection of appropriate strategies and resources for accomplishing a task, independently</i></li> </ul> <p><b>CT ITL Framework, Content Standard 3, Information Processing</b></p> <ul style="list-style-type: none"> <li>• <i>Demonstrate ability to</i></li> </ul>	<ul style="list-style-type: none"> <li>• Identify and analyze project scope</li> <li>• Identify the responsibilities of project team members</li> <li>• Use source control to manage team projects</li> <li>• Collaborate as a team to complete a real-world site (re)design project (i.e. STPC redesign (2010) and LPS site redesign (2009))</li> </ul>	<ul style="list-style-type: none"> <li>• Team Site Design project</li> <li>• Weekly Reader blog writing assignment</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="http://www.misterprescott.com">www.misterprescott.com</a></li> <li>• Adobe Dreamweaver CS3</li> <li>• Evans and Hamm, <i>Introduction to Web Design Using Dreamweaver</i>, Glencoe-McGraw Hill, 2007</li> <li>• InteractImage and CoolText graphics creation software</li> <li>• Web Design Grading Rubric</li> </ul>

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