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| **Minor Award Name** | |  |  | | --- | --- | | Web Authoring |  | |
| **Minor Award Code** | 5N1910 |
| **Level** | 5 |

**Suggested resources to support delivery:**

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| --- | --- | --- | --- | --- |
| **Theme/Topic** | **Type** | **Relevance** | **Author/Source** | **Web Link** |
| HTML/CSS | Online Tutorial | A really useful way of managing a class. This set of tutorials is very suitable for 5N1910. A good mix of video and text. Lots of challenges | Khan academy | <https://www.khanacademy.org/computing/computer-programming/html-css> |
| Website | The ultimate reference source for all things HTML and CSS, and lots more | W3c.org | [www.w3cschools.org](http://www.w3cschools.org) |
| Online Tutorials | Learn how to use HTML5 with these Video Tutorials | Free online resource  Littlewebhut | <http://www.littlewebhut.com/html5/> |
| Online forum | Specific questions answered on all things techy about web coding | Stackoverflow | <http://stackoverflow.com/> |
| Website | Shared knowledge for the Open Web. The people behind Firefox. An Alternative world to Microsoft and Google | The Mozilla Foundation | <https://developer.mozilla.org/en-US/> |
| Authoring Tools/Editors | Authoring tool  (Download) | Much better than Notepad! Multiple tabs and saving in multiple file types. You can run code in a range of browsers from the application. | Notepad++ is a free (as in "free speech" and also as in "free beer") source code editor | <https://notepad-plus-plus.org/> |
| Authoring tool  (Download) | KompoZer is a complete web authoring system that combines web file management and easy-to-use WYSIWYG web page editing | Freeware from kompozer.net | <http://kompozer.net/> |
| Online HTML code generator | Useful to see the mechanics of HTML code writing AFTER hand coding has been mastered | Free online resource  Quackit | <http://www.quackit.com/html/html_generators/html_code_generator.cfm> |
| Online CSS code generator | Useful to see the mechanics of CSS code writing AFTER hand coding has been mastered | Free online resource  Mike Plate | <http://css3.mikeplate.com/> |
| Design | Online books/video tutorials | **For teachers**: A very good source of material written by industry gurus. Very useful for understanding the design process | By subscription but it is affordable and in this case, worth it! | <http://www.sitepoint.com/> |
| Website | Information visulation | David McCandless | <http://www.informationisbeautiful.net/> |
| YouTube channel | A large range of video blogs and tutorials on all thing web design | Mike Locke | <https://www.youtube.com/user/mlwebco> |
| Online Tutorial/Blog | Up to date discussions and thinking on a wide range of design issues | Mike Cherim | <http://green-beast.com/blog/> |
| Online Article | What is the Difference between Web Design and Web Development | Jennifer Kyrnin | <http://webdesign.about.com/od/jobs/qt/difference-web-design-web-development.htm> |
| Online Article | Popular Mistakes in Universal Web Design | Dennis Lembree | <http://www.sitepoint.com/popular-mistakes-in-universal-web-design/> |
| Online Article | Effective design principles for web designers: Contrast  Repetition  Alignment  Proximity | Ryan Boudreaux | <http://www.techrepublic.com/blog/web-designer/effective-design-principles-for-web-designers-contrast/>  <http://www.techrepublic.com/blog/web-designer/effective-design-principles-for-web-designers-repetition/>  <http://www.techrepublic.com/blog/web-designer/effective-design-principles-for-web-designers-alignment/>  <http://www.techrepublic.com/blog/web-designer/effective-design-principles-for-web-designers-proximity/> |
| Online Article | [Following A Web Design Process](http://www.smashingmagazine.com/2011/06/following-a-web-design-process/) | Luke Reimer | <http://www.smashingmagazine.com/2011/06/following-a-web-design-process/> |
| Award winning Designs | Websites | Featuring the best of web design. [Filter](https://www.thebestdesigns.com/) by style or search designs by color, industry or genre. |  | <https://www.thebestdesigns.com/> |
| siteInspire is a showcase of the finest web and interactive design. |  | <http://www.siteinspire.com/> |
| Favourite Website Awards, an industry recognised internet award program and inspirational portal, established in May 2000. |  | <http://www.thefwa.com/> |
| 5 time winners of the Golden Spider Award |  | <http://www.webfactory.ie/about/> |
| Layout | Online Article | What is a Website Wireframe? | Jennifer Kyrnin | <http://webdesign.about.com/od/webdesign/qt/website-wireframes.htm> |
| Online article | How to use Wireframes | Jason Beaird | <http://www.sitepoint.com/layout-and-composition-as-part-of-the-web-design-process/> |
| Online article | What is a Div? | Liam McDermott | <http://www.apaddedcell.com/what-div> |
| Colour | Online service | An online community of webdesign/graphic professionals. Makes choosing colours that will work together easier | COLOURlovers | <http://www.colourlovers.com/> |
| Online service | Adobe’s online colour resource. Good for providing hex and rgb codes for colours/shades | Adobe Color CC | <https://color.adobe.com/create/color-wheel/> |
| Online service | Color Converter convert hex to rgb and vice versa | Yellowpipe Internet Services | <http://www.yellowpipe.com/yis/tools/hex-to-rgb/color-converter.php> |
| Typography & Fonts | Online service | An easy way to gain access to a huge library of fonts; also a useful way of showing how resources on the web can be incorporated to render a page | Free online resource  Google | https://www.google.com/fonts |
| [Online book](https://www.google.com/fonts%23) | [A practical guide to web typography](https://www.google.com/fonts%23) | [Richard Rutter CC4](https://www.google.com/fonts%23) | <http://webtypography.net/> |
| Character Encoding | Online Article | Explains meta charset | W3c.org | <http://www.w3schools.com/html/html_charset.asp> |
| Validation | Online service | HTML validation by file upload | W3c.org | <http://validator.w3.org/#validate_by_input> |
| Online service | CSS validation by file upload |  | <http://jigsaw.w3.org/css-validator/#validate_by_input> |
| Website maintenance | Online article/ pdf download | Tackling the issues of website maintenance | Shane Diffily CC4 | <http://www.diffily.com/book/website_maintenance.pdf> also  <http://www.diffily.com/> |

**Useful Organisations:**

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| --- | --- |
| **Name** | **Contact Information** |
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| **MOOCs (Massive Online Open Courses)** | |
| Free access to online courses  Search regularly for new courses and new start dates | <https://www.mooc-list.com/>  <https://www.teamleada.com/tutorials/html-parsing-basics>  <https://www.udacity.com/course/intro-to-html-and-css--ud304> |