**Business &**  **Brunswick School Department**
**Computer Science**  **Computer Applications**
**Web Design**

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| **Essential Understandings** | ▪ Good web design is a blend of usability, innovation, and technical and artistic elements working together seamlessly.<br>▪ A web site primarily succeeds or fails on the quality of its design and image quality. |
| **Essential Questions** | ▪ How does one select the correct web design tool to use for a particular document?<br>▪ Does one have to know HTML (Hypertext Markup Language) to build a website?<br>▪ Which web design software will accomplish the job without a steep learning curve or software costs? |
| **Essential Knowledge** | ▪ A web page is created using a language called, Hypertext Markup Language, better known as HTML Code.<br>▪ Software can be employed to create a web site. |
| **Vocabulary** | ▪ Terms:<br>   o home page, links, domain name, service provider |
| **Essential Skills** | ▪ Use HTML codes to produce a web page when viewed in a browser.<br>▪ Modify an existing HTML document.<br>▪ Use NVu or Microsoft Publisher to create a multipage web site with internal and external links. |
| **Related Maine Learning Results** | Career and Education Development<br>B. Learning About and Exploring Education and Career and Life Roles<br>  B2. Skills for Individual/Personal Success in the 21st Century<br>    Students evaluate strategies to improve skills that lead to lifelong learning and success in the classroom, and the achievement of schoolwork, work and career, and personal life goals.<br>    a. Literacy skills<br>    c. Critical thinking skills<br>    d. Information and communication technology (ICT) literacy<br>    e. Interpersonal skills<br>    f. Other academic skills and knowledge<br>  B3. Education and Career Information<br>    Students use previously acquired knowledge and skills to evaluate and utilize a variety of resources to articulate a plan and make decisions for post-secondary education, training, and career choices. |
| **Sample Lessons And Activities** | ▪ "Gorilla Pizza"<br>▪ Personal or business website |

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| **Sample Classroom Assessment Methods** | <ul><li>Projects</li><li>Create a web page using HTML or JPGs</li><li>Create a web site using NVu or Microsoft Publisher</li></ul> |
| **Sample Resources** | <ul><li><u>Other Resources:</u><ul><li><u>Microsoft Publisher</u></li></ul></li></ul> |