

**BUSINESS & COMPUTER SCIENCE/BUSINESS MANAGEMENT**

**Graphic Design**

**Unit 1: Selections, Tools, Layers**

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| <p><b>Essential Understandings</b></p> | <ul style="list-style-type: none"> <li>▪ It is important to gain mastery of selection tools and layers because almost every Photoshop project uses them.</li> <li>▪ Photoshop layers offer a divide and conquer approach to even the most complex project because they allow one to focus on (and manipulate) individual elements within a larger project.</li> <li>▪ Like art, what is good is subjective and difficult to put in words.</li> <li>▪ One’s technical skill and mastery of the software will be obvious by the outcome.</li> </ul>   |
| <p><b>Essential Questions</b></p>      | <ul style="list-style-type: none"> <li>▪ What is the best way to achieve quality in one’s Graphic Designs?</li> <li>▪ How can one begin to learn Photoshop and master its (3000+) buttons, filters, and tools without being overwhelmed?</li> <li>▪ How can one best become knowledgeable and skillful in using Photoshop so one can stop worrying about technical obstacles and start focusing more on expressing one’s creative ideas and designs?</li> <li>▪ Which projects should one tackle in the beginning that will provide the essential tools in one’s graphic design toolbox or personal repertoire?</li> </ul>  |
| <p><b>Essential Knowledge</b></p>      | <ul style="list-style-type: none"> <li>▪ Windows and menus have a common arrangement across a wide variety of applications. Learning how to learn new and complex software is a vital skill.</li> <li>▪ Being able to select an object or element within a picture or photo is a skill that is useful for almost every graphic design project.</li> <li>▪ Working one’s way through the Photoshop toolbar is a good way to master the application in a more gradual fashion.</li> <li>▪ Playfully selecting from a collection of objects and constructing a new design using multiple layers is a great way to start learning Photoshop.</li> <li>▪ Trying to create a funny or interesting scene with a cantaloupe or pepper person and not on Photoshop directly makes the complexity secondary and places the emphasis on creativity and play.</li> <li>▪ Shortcuts can be learned as one experiments with different selection tools, images, and layers.</li> <li>▪ Knowledge of Photoshop layers provides a divide and conquer approach to complex designs.</li> </ul> |
| <p><b>Vocabulary</b></p>               | <ul style="list-style-type: none"> <li>▪ <u>Terms:</u> <ul style="list-style-type: none"> <li>○ magic wand, quick selection, magnetic lasso, move tool, layers palette, thumbnail, tile, transform, flip horizontal, scale, native Photoshop file (PSD), image file types</li> </ul> </li> </ul>  |

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| <p><b>Essential Skills</b></p>                    | <ul style="list-style-type: none"> <li>▪ Create a new project, name it, and save it correctly (file types).</li> <li>▪ Select objects using selection tools and combine them to create new scenes and pictures.</li> <li>▪ Use layers so each element can be transformed differently while remaining part of the whole.</li> <li>▪ Use the move tool, selection tools, the layers palette, and thumbnails to compose a picture.</li> <li>▪ Transform creative ideas into reality; imagine a funny or creative end result and go back into the Photoshop tools and menus to attempt to bring that idea to fruition, to life.</li> </ul>  |
| <p><b>Related Maine Learning Results</b></p>      | <p><u>Career and Education Development</u><br/>         B. Learning About and Exploring Education, Career and Life Roles<br/>         B1.Relationships among Learning, Work, the Community, and the Global Economy<br/>         Students evaluate strategies for improving educational achievement, increasing participation as an involved citizen, and increasing work options and earning potential in a 21<sup>st</sup> century global economy.<br/>         B2.Skills for Individual/Personal Success in the 21<sup>st</sup> 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/>         b. Numeracy<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.</p> |
| <p><b>Sample Lessons And Activities</b></p>       | <ul style="list-style-type: none"> <li>▪ Provide students with a sheet of objects they must cut out using selection tools and assemble a collage into a new (original) design or picture; the first image is affectionately referred to as “Cantaloupe Person” and the second is “Pepper Person”.</li> </ul>  |
| <p><b>Sample Classroom Assessment Methods</b></p> | <ul style="list-style-type: none"> <li>▪ Authentic assessment is used. We learn to use Photoshop layers and tools by using them playfully.</li> </ul>   |
| <p><b>Sample Resources</b></p>                    | <ul style="list-style-type: none"> <li>▪ <u>Other Resources:</u> <ul style="list-style-type: none"> <li>○ Teacher created materials and Photoshop C4 software</li> </ul> </li> </ul>  |

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