**Unit Design**

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| **Unit Title: Color Theory  Course: Computer Graphics 1** | **Libby McArthur Unit Length: 2 weeks Date Created: July 27, 2012** | |
| **Goals/Standards/Benchmarks:**  25.A.4, 25.A.2d , 25.A.5, 25.A.3e, 26 A, 26.A.4e, 26.B.4d | |

***Unit Overview and Unit Components***

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| **Topics/*Unit Vocabulary*** | **Process/Procedure** | **Supplies/Materials/Tools** | **Product/Evaluation** |
| \*Color schemes  \*Conveying emotions through design  *\*Spectrum*  *\*Gradients*  *\*Hue, value, and intensity*  \*Posterize  *\**Live trace | * Designer of the week journal (Monday) and Daily journal (T-F) * PowerPoint about the color schemes * Andy Warhol – main ideas graphic organizer * Discussion and demonstration (guided step by step) – how to posterize an image in Photoshop * Discussion and demonstration (guided step by step) – how to live trace an image in Illustrator * Practice live trace with image of choice * Photograph students for self portrait project * Upload photos to Q drive * Students will download photos * Work on self portrait | * Computer/CS5 * Lessons in binder for line tool, pen tool, and creating basic shapes * Handouts: assignment description, self portrait project description, background idea generator, self portrait self reflection | * Completed journals and designer of week * Self portrait * Practice assignments completed * Self reflection for self-portrait |

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| **Learner/Performance Objectives: The student will…** | **Assessments/Evidence** |
| 1. Identify various color schemes and describe how color can portray emotions 2. Use Illustrator to translate a sketch onto the computer 3. Create various objects with different stroke and fill colors 4. Use the pen tool to create geometric and organic lines 5. Create aesthetically pleasing layouts 6. Apply effects to images using Photoshop and Illustrator. 7. Posterize and Live Trace images. 8. Use color effectively in a design. 9. Create layouts that incorporate the elements of design | * **Selected response (e.g. multiple choice, matching, true/false)** - quiz on color schemes,  **Constructed response (e.g. fill in the blank, short answer, label, graphic)-** main idea/supporting details graphic organizer about Andy Warhol, worksheet and reflection answers completed * **Projects (e.g. essay, model, project)** guided tutorials completed, practice live traces, self portrait project * **Process (e.g. conferences, observations, logs)**   -Observations and individual conferences during independent work time |