



BLUE VALLEY DISTRICT CURRICULUM & INSTRUCTION
 Computer & Information Technology
 Computer Graphics



ORGANIZING THEME/TOPIC	FOCUS STANDARDS & SKILLS
<p>Principles and Elements of Design</p> <ul style="list-style-type: none"> • Balance • Proximity/Unity • Alignment • Repetition/Consistency • Contrast • White Space <p>Time Frame: 2 weeks</p>	<p>KS 10202.1.9.9. Apply principles and elements of design.</p> <ul style="list-style-type: none"> • Compare and contrast effective and ineffective graphic designs. • Apply principles of design to improve graphic design. • Understand the importance of typography. • Evaluate visual appeal.
<p>Create Images using a Digital Photo Editing Program (Adobe Photoshop)</p> <ul style="list-style-type: none"> • Compositing images • Blending images • Masking images <p>Time Frame: 4 weeks</p>	<p>KS 10202.1.2 Demonstrate proficiency in the use of digital imaging.</p> <ul style="list-style-type: none"> • Use selection tools to select images. • Work with layers in images. • Apply image adjustments and filters. • Utilize the repair and retouch tools. • Utilize layer masks and clipping masks. • Format text layers in images.
<p>Create and Edit Vector-Based Graphics (Adobe Illustrator)</p> <ul style="list-style-type: none"> • Drawing tools • Pen tool <p>Time Frame: 3 weeks</p>	<p>KS 10202.1.14. Produce or acquire graphics content.</p> <ul style="list-style-type: none"> • Create shapes with the shape tools. • Draw shapes with the pen tool. • Manipulate points and paths. • Utilize live trace to create images. • Edit paths with the transformation tools. • Apply color with fill and stroke commands.
<p>Create Digital Layouts (Adobe InDesign)</p> <ul style="list-style-type: none"> • Page layouts • Text and graphic frames • Character/Paragraph formatting <p>Time Frame: 3 weeks</p>	<p>KS 10202.1.10. Create and/or implement the look and feel of a product.</p> <ul style="list-style-type: none"> • Identify purpose and target audience. • Create and manage effective page layouts using the principles of design. • Format type and paragraphs effectively.

<p>Create and Edit Motion Graphics and Video</p> <ul style="list-style-type: none"> • Animated GIFs • Frames and timelines • Tweening <p>Time Frame: 2 weeks</p>	<p>10202.1.1 Demonstrate knowledge of the basic principles of motion graphics.</p> <ul style="list-style-type: none"> • Import files for use and sequencing of the video • Utilize frames and timelines to control the sequence and timing of the video. • Incorporate effects and transitions. • Utilize tweening to create animations.
<p>Authentic Project</p> <p>Time Frame: 3 weeks or integrated throughout units</p>	<p>10202.1. 16. Define scope of work to achieve individual and group goals.</p> <ul style="list-style-type: none"> • Plan, create, and manage all aspects of a comprehensive real-world challenge.