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| **WEB TOOLS** |
| **Unit 1: Google Docs & Google Sites**  |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 6 | Google Docs & Google Sites | What is real time collaboration and how is it helpful in the workplace? | Computer FundamentalsTechnology Applications | Evaluate and select hardware and software to solve specific problems or tasks.  Demonstrate the ability to transfer skills among applications. | Students will be able to create and edit a Google site and add pages, content and digital photos to the site.  Students will be able to create a personal business letter in block format using Google Documents.  | Emerging TechnologiesInputEmbed Shareable LinkReal Time | Standard - 15.3.12.SEvaluate electronic communication options based on need.Standard - 15.3.12.UCritique the effectiveness of various electronic communication options related to desired outcomes.Standard - 15.3.12.WCollaborate via electronic communication with peers, educators, and/or professionals to meet organizational goals. |
| **Unit 1 Assessment – Class Projects will be showcased – Gallery Walk** |
| **Unit 2: Digital Storytelling**  |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 14 |  | What are the considerations when selecting a technology tool solve a problem, complete a task, or manage information? What is effective Digital Storytelling?  | Computer FundamentalsTechnology Applications | Evaluate and select hardware and software to solve specific problems or tasks. Model digital etiquette and responsible social interactions related to use of technology.  | Students will be able to create a digital story use a web tool of their choice of an epic moment they experienced. | Emerging TechnologiesInputEmbed Shareable LinkFile types  | Standard - 15.3.12.SEvaluate electronic communication options based on need.Standard - 15.3.12.UCritique the effectiveness of various electronic communication options related to desired outcomes.Standard - 15.4.12.GCreate an advanced digital project using sophisticated design and appropriate software/applications**.**Standard - 15.4.12.KEvaluate advanced multimedia work products and make recommendations based on the evaluation. |
| **Unit 2 Assessment – Class Project will be showcased – Presentations** |
| **Unit 3: Create Yourself Digitally** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 4 |  | What are the considerations when selecting a technology tool solve a problem, complete a task, or manage information? | Computer FundamentalsTechnology Applications | Select appropriate input and output technologies to optimize performance for a specific assignment.Model safe, legal, and ethical use of digital information and technology.   | Students will create a talking Avatar.  The Avatar must resemble themselves and the final product will have the character talking about.  The script will be written prior to the recording using Google Documents. #1 - One thing I would change in the world#2 - Introduction to their Web Page.   | AvatarVoice RecorderEmbed CodePixels | Standard - 15.3.12.SEvaluate electronic communication options based on need.Standard - 15.3.12.UCritique the effectiveness of various electronic communication options related to desired outcomes.Standard - 15.4.12.GCreate an advanced digital project using sophisticated design and appropriate software/applications**.**Standard - 15.4.12.KEvaluate advanced multimedia work products and make recommendations based on the evaluation. |
| **Unit 3 Assessment – Class Projects will be showcased – Presentations**  |
| **Unit 4: Personal Artifact / Photo Editing** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 10 |  | What are the considerations when selecting a technology tool solve a problem, complete a task, or manage information? | Computer FundamentalsTechnology Applications | Apply a variety of input technologies to maximize productivity (e.g. “touch method of keyboarding,” voice recognition and touch tablet).  | Students will be able to edit a photo using the software of their choice and write a story about a valuable personal artifact that they own.   | Crop / DropperEditing ToolsContrast Color DepthImage EffectsSharpenExposure | Standard - 15.3.12.SEvaluate electronic communication options based on need.Standard - 15.3.12.UCritique the effectiveness of various electronic communication options related to desired outcomes.Standard - 15.4.12.GCreate an advanced digital project using sophisticated design and appropriate software/applications**.**Standard - 15.4.12.KEvaluate advanced multimedia work products and make recommendations based on the evaluation. |
| **Unit 4 Assessment – Class Projects will be showcased – Gallery Walk** |
| **:****Unit 5: Presentation Tools / Slideshows** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 16 |  | What are the considerations when selecting a technology tool solve a problem, complete a task, or manage information? | Computer FundamentalsTechnology Applications | Create, format and edit various products using different productivity application tools to complete tasks. Evaluate and select the most appropriate technology devices and communication tools to deliver and share finished products for others to view and collaborate.  | Students will be able to create an online book or online web presentation about the year in which they were born. | TransitionAnimationSlide EffectsTemplateAudio BulletsViews Slide SorterPlaceholderAttributes | Standard - 15.3.12.SEvaluate electronic communication options based on need.Standard - 15.3.12.UCritique the effectiveness of various electronic communication options related to desired outcomes.Standard - 15.4.12.GCreate an advanced digital project using sophisticated design and appropriate software/applications**.**Standard - 15.4.12.KEvaluate advanced multimedia work products and make recommendations based on the evaluation. |
| **Unit 5 Assessment – Class Projects will be showcased – Presentations** |
| **Unit 6: Spreadsheets** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 10 |  | What are the considerations when selecting a technology tool solve a problem, complete a task, or manage information? | Computer FundamentalsTechnology Applications | Analyze the effectiveness of technology devices and application tools used to accomplish specific problems or organizational tasks.  | Students will be able to create and use a spreadsheet for calculations.   | Active CellCell Cell NameCell ReferenceColumnsRowsAuto FillResizeCursor ChangeFormula BarPropertiesIconDataFillFilterRangeGridlinesLabelsName BoxSheet TabsSortTabsValuesWorksheetWorkbook | Standard - 15.3.12.SEvaluate electronic communication options based on need.Standard - 15.3.12.UCritique the effectiveness of various electronic communication options related to desired outcomes.Standard - 15.4.12.GCreate an advanced digital project using sophisticated design and appropriate software/applications**.**Standard - 15.4.12.KEvaluate advanced multimedia work products and make recommendations based on the evaluation. |
|  **Unit 6 Assessment – Class Projects will be showcased or Gallery Walks** |
| **Unit 7: Movie Making** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 22 |  | What are the considerations when selecting a technology tool solve a problem, complete a task, or manage information? | Computer FundamentalsTechnology Applications | Demonstrate the ability to transfer skills among applications. | Students will be able to create a movie on school improvement.    *Web Resources*iMOvieWeVideoAnimotoVarious Web Resources | Capture deviceCompressors CodecsLayeringUpload / importTransition Post ProductionStoryboardPreviewClip SceneTimeline ModeProject WindowCaptureCutEffect GradientLag Time Aspect RationFormatPanoramic / PanMic LevelAmplify  | Standard - 15.3.12.SEvaluate electronic communication options based on need.Standard - 15.3.12.UCritique the effectiveness of various electronic communication options related to desired outcomes.Standard - 15.4.12.GCreate an advanced digital project using sophisticated design and appropriate software/applications**.**Standard - 15.4.12.KEvaluate advanced multimedia work products and make recommendations based on the evaluation. |
| **Assessment - Red Carpet Walk – Presentations will be held in Auditorium** |
| **Unit 8: Drawings / Cartoons** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| **4** | Google Drawings | When is the best time to use various technologies? What are the considerations when selecting a technology tool solve a problem, complete a task, or manage information?  | Computer FundamentalsTechnology Applications |  | Students will be to create a paneled comic strip with various scenes and call outs.  | StoryboardWindowsPaletteScenePanelsCall outsLayers  | Standard - 15.3.12.SEvaluate electronic communication options based on need.Standard - 15.3.12.UCritique the effectiveness of various electronic communication options related to desired outcomes.Standard - 15.4.12.GCreate an advanced digital project using sophisticated design and appropriate software/applications**.**Standard - 15.4.12.KEvaluate advanced multimedia work products and make recommendations based on the evaluation. |
| **Assessment – Gallery Walk** |
| **Unit 9: Screen Recording** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| **4** | A screencast is a digital video recording that captures actions taking place on a computer display | Why choose a screencast over other demonstration options? What are the considerations when selecting a technology tool solve a problem, complete a task, or manage information?  | Computer FundamentalsTechnology Applications |  | Students will be able to create a screencast demonstrating a skill that they learned in this year’s class.  | ScreencastShootApplicationsShowEmbedFile types | Standard - 15.3.12.SEvaluate electronic communication options based on need.Standard - 15.3.12.UCritique the effectiveness of various electronic communication options related to desired outcomes.Standard - 15.4.12.GCreate an advanced digital project using sophisticated design and appropriate software/applications**.**Standard - 15.4.12.KEvaluate advanced multimedia work products and make recommendations based on the evaluation. |