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|  **Entrepreneurial Innovations** |
|  **Unit 1 Building 21st Century Skills** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 5 Days | Using 21st Century skills, learners assess issues from a variety of perspectives and plan actions based on their potential and impact. | Why is self-awareness and self-management important? How does self-awareness make a person a better team player?  | -Self-awareness leads to successful self-management. -Knowing one’s strengths and weaknesses allows one to find tasks and roles best suited for them.-Perception is reality.  | -Identify personal strengths and areas of growth-Employ one self-awareness exercise. - | SWBA to define self-awareness. SWBA to identify characteristics of themselves, and also characteristics that they feel others see in them. (Possible resources: Myers-Briggs Test<https://blog.hubspot.com/marketing/personality-tests>)SWBA to engage in one self-awareness exercise. <https://lifeskillsthatmatter.com/self-awareness/>(Podcast: Four self-awareness exercises. Apprx. 5 min.)  | Self-ManagementSelf-AwarenessSocial responsibilityMindfulnessPerspective and PerceptionSelf-EsteemCore valuesSelf-MotivationRelationship | 3.4.10.A2.Interpret how systemsthinking applies logicand creativity withappropriate comprises incomplex real-lifeproblems |
|  | Using 21st Century skills, learners assess issues from a variety of perspectives and plan actions based on their potential and impact. | What are different ways we communicate as humans? How can we differentiate between good and poor communication?  | -The difference between verbal and non-verbal communication -The three purposes of communication (inform, persuade, entertain) -  | Identify forms of non-verbal communicationIdentify forms of verbal (explicit) communicationIdentify the purpose of the communication (inform, persuade, entertain) | SWBA to differentiate effective and ineffective communication practices.SWBA to apply effective communication practices. | CommunicationFeedbackBody LanguageToneGrammarSocial AwarenessSocial ResponsibilityVerbal communicationNon-verbal communicationPurpose SenderMedium ReceiverMessage | 3.4.10.A2 Interpret how systems thinking applies logic and creativity with appropriate comprises in complex real-life problems. |
|  | Using 21st Century skills, learners assess issues from a variety of perspectives and plan actions based on their potential and impact. | How does effective collaboration lead to success? | -Various roles in a team-Elements of constructive feedback-Purpose of an action plan | -Define collaboration-Identify team roles for effective collaboration-Engage in productive debate-Communicate constructive feedback-Create an action plan with roles and responsibilities | SWBA to differentiate effective and ineffective collaborative interactions.SWBA to offer colleagues constructive feedback.Resource: Elements of and examples of constructive feedback. <https://inside.6q.io/how-to-give-constructive-feedback/>SWBA engage in productive brainstorming (individual reflections and groupthink).SWBA identify team roles and responsibilities. (Team exercise) | CollaborationOrganization (of roles)CommunicationOpen-mindednessCompromiseConflict ManagementResponsibilityReliabilityOpen DialogueConstructive FeedbackBrainstormingDelegationIndividual ReflectionGroupthinkAction Plan | 3.4.10.A2 Interpret how systems thinking applies logic and creativity with appropriate comprises in complex real-life problems |
|  | Using 21st Century skills, learners assess issues from a variety of perspectives and plan actions based on their potential and impact. | How does effective collaboration lead to success? | -Various roles in a team-Elements of constructive feedback-Purpose of an action plan | -Define collaboration-Identify team roles for effective collaboration-Engage in productive debate-Communicate constructive feedback-Create an action plan with roles and responsibilities | SWBA to utilize problem solving and critical thinking strategies. | Critical ThinkingProblem SolvingSocial AwarenessSocial Responsibility | 3.4.10.A2 Interpret how systems thinking applies logic and creativity with appropriate comprises in complex real-life problems |
|  | Using 21st Century skills, learners assess issues from a variety of perspectives and plan actions based on their potential and impact. | How does effective collaboration lead to success? | -Various roles in a team-Elements of constructive feedback-Purpose of an action plan | -Define collaboration-Identify team roles for effective collaboration-Engage in productive debate-Communicate constructive feedback-Create an action plan with roles and responsibilities | SWBA to expand their boundaries of creativity. | CreativityInnovationSocial AwarenessSocial Responsibility | 3.4.10.A2 Interpret how systems thinking applies logic and creativity with appropriate comprises in complex real-life problems |
| **Unit 2 Poster Maker/Laminator** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 10 Days | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced. | How would one describe a visually appealing poster? | Applications and uses of a poster maker to create a marketable product. | Utilize the criteria to design, create and analyze a visually appealing poster. | SWBA to maintain the functionality of the Poster Maker.SWBA to maintain the functionality of the Laminator.Resources:Google SlidesMicrosoft WordPoster Artist Lite | Poster MakerLaminator | 9.1.12.H Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.9.1.12.AKnow and use the elements and principles of each art form to create works in the arts and humanities.9.1.12.E Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
|  | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced. | How would one describe a visually appealing poster? | Applications and uses of a poster maker to create a marketable product. | Utilize the criteria to design, create and analyze a visually appealing poster. | SWBA to design a visually appealing poster.Resources:Google SlidesMicrosoft WordPoster Artist Lite | Poster MakerLaminator | 9.1.12.H Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.9.1.12.AKnow and use the elements and principles of each art form to create works in the arts and humanities.9.1.12.E Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
|  | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced. | How would one describe a visually appealing poster? | Applications and uses of a poster maker to create a marketable product. | Utilize the criteria to design, create and analyze a visually appealing poster. | SWBA to create a visually appealing poster.Resources:Google SlidesMicrosoft WordPoster Artist Lite | Poster MakerLaminator | 9.1.12.H Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.9.1.12.AKnow and use the elements and principles of each art form to create works in the arts and humanities.9.1.12.E Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
|  | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced. | How would one describe a visually appealing poster? | Applications and uses of a poster maker to create a marketable product. | Utilize the criteria to design, create and analyze a visually appealing poster. | SWBA to produce a visually appealing laminated poster.Resources:Google SlidesMicrosoft WordPoster Artist Lite | Poster MakerLaminator | 9.1.12.H Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.9.1.12.AKnow and use the elements and principles of each art form to create works in the arts and humanities.9.1.12.E Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
| **Unit 2 Assessment: Create a Poster and Produce the Product Utilizing the Poster Maker/Laminating Equipment** |
| **Unit 3 Recording Studio** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 10 Days | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced.  | How can one use a soundboard to create and produce a professional audio recording? | Digital Sound/Audio recording and it’s application | Create and produce a recording.Utilize the tasks required to employ and troubleshoot recording equipment. | SWBA to identify and define the parts of the soundboard.  | Soundboard | 15.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success.9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications.  |
|  | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How can one use a soundboard to create and produce a professional audio recording? | Digital Sound/Audio recording and it’s application | Create and produce an audio recording.Utilize the tasks required to troubleshoot audio recording equipment. | SWBA to import and edit a sound clip. | CutTrimMixDelete PartsJoinSplitFilters | 15.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications.  |
|  | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How can one use a soundboard to create and produce a professional audio recording? | Digital Sound/Audio recording and it’s application | Create and produce an audio recording.Utilize the tasks required to troubleshoot audio recording equipment. | SWBA to edit a given sound clip manipulating the audio in a variety of ways. | CutTrimMixDelete PartsJoinSplitFilters | 15.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications.  |
|  | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How can one use a soundboard to create and produce a professional audio recording? | Digital Sound/Audio recording and it’s application | Create and produce an audio recording.Utilize the tasks required to troubleshoot audio recording equipment. | SWBA to use audio production software to create an edit a unique sound clip. |  | 15.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications.  |
| **Unit 3 Assessment: Create an Original Piece and Produce the Product Utilizing the Recording Studio Equipment** |
| **Unit 4 Media Center** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 20 Days | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How can one use Adobe Animate to design and animate an online video? | Applications of Adobe Animate | Design and animate an online video.Utilize the tasks required to troubleshoot Adobe Animate software.. | SWBA to use Adobe Animate software to design and animate an online video.  | Adobe AnimateBrushBoneCameraEllipsisPencilPenRectangleTransformation AnchorTransform | 5.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
|  | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How can one use Adobe Photoshop to design and edit an image? | Applications of Abobe Photoshop | Design and edit an image. | SWBA to use Adobe Photoshop to design and edit an image. | Adobe PhotoshopToolbarCropSliceMoveSelectionMeasurementPaintRetouchNavigationMarqueeLassoMagic WandEyedropperHealingPatchCloneMagic Eraser | 5.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications |
|  | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How can one use iMovie software to design and produce an online movie? | Applications of iMovie | Design and produce an online movie. | SWBA to use iMovie software to design and produce an online movie. | iMovieFootageAudioClipTimelineAdjustTrimDragExportPlatformPublish | 5.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications |
| **Unit 3 Assessment: Create an Original Video and Produce the Product Utilizing the Media Center** |
| **Unit 5 Embroidery Design** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 10 Days | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How would one digitize an image for embroidering? | Digitizing an existing image. | Components of the embroidery machineDigitize an existing image. | SWBA to digitize an existing image. | Embroidery MachineBobbinThreadHoopStabilizerProgramDigitize | 5.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
|  | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How would one digitize an image for embroidering? | Create and digitize an original image. | Create and digitize an original image. | SWBA to create and digitize an original image.SWBA to program the embroidery machine to embroider an original design to an existing product. | Embroidery MachineBobbinThreadHoopStabilizerProgramDigitize | 5.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
| **Unit 5 Assessment: Create a Product Utilizing the Embroidering Equipment** |
| **Unit 6 Cricut Design** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 10 Days | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How would one utilize Cricut Design Software to create a template to be transferred on to an existing product? | Components of the Cricut MakerUtilizing Cricut Design StudioWeed  | Components of the Cricut MakerUtilizing Cricut Design StudioWeed  | SWBAT Utilize Cricut Design Studio to create a template.SWBAT utilize Cricut Maker to cut a template.SWBAT cut and transfer template onto an existing product  | Cricut MakerMediumsCutting MatsWeeding | 5.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
| **Unit 6 Assessment: Create a Product Utilizing the Cricut Equipment** |
| **Unit 7 Vinyl Design** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 10 Days | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How would one utilize LXi Software to vectorize and create a template to be transferred on to an existing product? | Components of the Vinyl CutterUtilizing LXi Master Plus 12 SoftwareWeed  | Components of the Vinyl CutterUtilizing LXi Master Plus 12 SoftwareWeed | SWBAT Utilize LXi Master Plus 12 to create a template.SWBAT utilize Vinyl Cutter to cut a template.SWBAT cut and transfer template onto an existing product. | Vinyl CutterMediumsWeedVectorize Transfer TapeSqueegee | 5.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
| **Unit 7 Assessment: Create a Product Utilizing the Vinyl Design Equipment** |
| **Unit 8 Silk Screen Press** |
| **Estimated Unit Time Frames** | **Big Ideas**  | **Essential Questions** |  **Concepts** **(Know)** | **Competencies** **(Do)** | **Lessons/ Suggested Resources** | **Vocabulary** | **Standards/ Eligible Content** |
| 10 Days | The skills, techniques, elements, and principles of the arts and technology can be learned, studied, refined, and practiced | How can one transfer a multicolor image using a silk screen press to an existing product? | Components of the Silkscreen PressCreate an image to be screenedTransfer image to screenUtilize screen to create a product | Components of the Silkscreen PressCreate an image to be screenedTransfer image to screenUtilize screen to create a product | SWBA to create a design to be transferred to an existing productSWBA print design on a transparencySWBA to transfer design to a screen using the lumitron machine SWBA to use screen to print design on an existing product  | TransparenciesEmulsionSqueegeeLumitronReclaimScreen | 5.4.12.A Apply the creative and productive use of emerging technologies for educational and personal success9.1.12.A Know and use the elements and principles of each art form to create works in the arts and humanities9.1.12.B Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.15.4.12.G. Create an advanced digital project using sophisticated design and appropriate software/applications. |
| **Unit 8 Assessment: Create a Product Utilizing the Silk Screening Equipment** |