

Ganado Unified School District (Computer/8th Grade Level)

PACING Guide SY 2020-2021

Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
1 st Quarter AUP/Internet Safety/Personal Information/Personal Identification (Week 1) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 4: Critical Thinking, Problem Solving, Decision Making This strand requires students to use critical thinking, problem solving, and decision making to manage projects using digital tools and resources. Concept 2: Exploring Solutions Plan and manage activities to develop solutions to answer a question or complete a project. PO 2: Present defendable solutions and make decisions from multiple perspectives using collected resources and data.	<ul style="list-style-type: none"> • What is Internet Safety? 	<ul style="list-style-type: none"> • I am able to.. Create a poster about Internet safety. 	<ul style="list-style-type: none"> • Critical • Thinking • Present • Defendable • Solutions • Perspectives • AUP • Policy
AUP/Internet Safety/Personal Information/Personal Identification (Week 1) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites 	Strand 5: Digital Citizenship This strand requires students to understand human, cultural, and societal issues related to technology practice and ethical behavior. Concept 1: Safety and Ethics Advocate and practice safe, legal, and responsible use of information and technology.	<ul style="list-style-type: none"> • What I the GUSD policy about technology? • How can I create my own policy and procedures within the classroom? 	I am able to.. <ul style="list-style-type: none"> • Know about the school district policy and procedures • Know what is an AUP To create guideless within the classroom 	<ul style="list-style-type: none"> • Advocate • Practice • Safe • Legal • Articulate • District • Rules • Governing • Rules

<ul style="list-style-type: none"> ✓ Printers ✓ USB Drive 	<p>PO 3: Articulate and practice the school and district rules governing the use of digital tools as defined by school board policy and procedures</p>			<ul style="list-style-type: none"> • Policy • Procedures
<p>AUP/Internet Safety/Personal Information/Personal Identification</p> <p>(Week 1)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 5: Digital Citizenship This strand requires students to understand human, cultural, and societal issues related to technology practice and ethical behavior.</p> <p>Concept 1: Safety and Ethics Advocate and practice safe, legal, and responsible use of information and technology.</p> <p>PO 4: Demonstrate safe online communication practices regarding personal information</p>	<ul style="list-style-type: none"> • How do I protect my identity from other people online? • When will I know not to put my personal information online? 	<p>I am able too...</p> <p>To protect my identity Hide my information online</p>	<ul style="list-style-type: none"> • Critical • Thinking • Present • Defendable • Solutions • Perspectives • AUP • Policy
<p>AUP/Internet Safety/Personal Information/Personal Identification</p> <p>(Week 1)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 5: Digital Citizenship This strand requires students to understand human, cultural, and societal issues related to technology practice and ethical behavior.</p> <p>Concept 1: Safety and Ethics Advocate and practice safe, legal, and responsible use of information and technology.</p> <p>PO 6: Exhibit legal and ethical behavior when using technology.</p>	<ul style="list-style-type: none"> • What does AUP stand for? • Does my school have an AUP? • What are some AUP policy? 	<ul style="list-style-type: none"> • I am able to.. • Know what AUP stands for. • Look out my school. • AUP policy and procedures. 	<ul style="list-style-type: none"> • Critical • Thinking • Present • Defendable • Solutions • Perspectives • AUP • Policy
<p>AUP/Internet Safety/Personal Information/Per</p>	<p>Strand 5: Digital Citizenship This strand requires students to understand human, cultural, and</p>	<ul style="list-style-type: none"> • What are some good behaviors while online? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Show good behavior while I am online 	<ul style="list-style-type: none"> • Promote • Citizenship • Consistently

<p>sonal Identification</p> <p>(Week 1)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>societal issues related to technology practice and ethical behavior.</p> <p>Concept 2: Leadership for Digital Citizenship</p> <p>Demonstrates leadership for digital citizenship.</p> <p>PO 1: Promote digital citizenship by consistently leading by example and advocating social and civic responsibility to others.</p>		<ul style="list-style-type: none"> • Leading • Advocating • Civic • Responsibility
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Keyboarding (Week 2/3) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations. Concept 1: Understanding Recognize, define and use technology term, processes, systems and applications. PO 4: Recognize and demonstrate ergonomically safe and sound use of equipment.	<ul style="list-style-type: none"> • How am I able to demonstrate proper keyboarding techniques? • How can I reach my speed and accuracy goal? • What is WPM mean? • Will I apply this skill in the future? 	I am able to... <ul style="list-style-type: none"> • Type an speed of 30 wpm and accuracy of 80%. • Use the proper technique while keyboarding. • Use a keyboard cover while I am typing. Use a web site “typing web” to help me with my typing skills. 	<ul style="list-style-type: none"> • Technology concepts • Systems • Operations • Recognize • Define • Technology • Processes • Application
Keyboarding (Week 2/3) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations. Concept 2: Application	<ul style="list-style-type: none"> • How am I able to demonstrate proper keyboarding techniques? • How can I reach my speed and accuracy goal? 	I am able to... <ul style="list-style-type: none"> • Type an speed of 230wpm and accuracy of 80%. • Use the proper technique while keyboarding. • Use a keyboard cover while I am typing. 	<ul style="list-style-type: none"> • Demonstrate • Technology concepts • Systems • Operation

	<p>Select and use applications effectively and productively.</p> <p>PO 1: Demonstrate speed and accuracy with appropriate data entry tools with at least 25 wpm and 80% accuracy</p>	<ul style="list-style-type: none"> • What is WPM mean? • Will I apply this skill in the future? 	<ul style="list-style-type: none"> • Use a web site “typing web” to help me with my typing skills. 	
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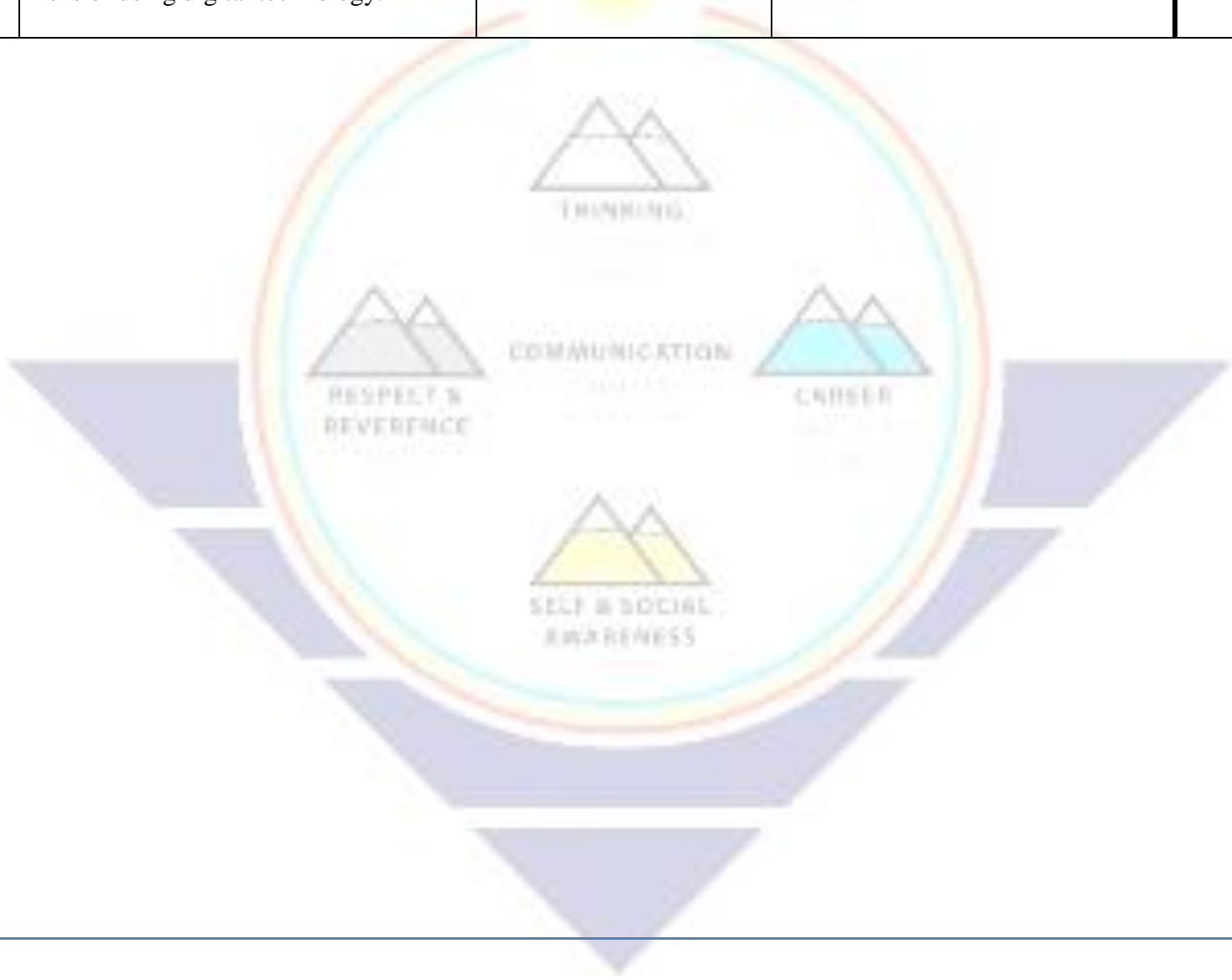
Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
Research (Week 4/5) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Concept 1: Knowledge and Ideas Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding. PO 1: Analyze and evaluate information to generate new ideas, processes or products.	<ul style="list-style-type: none"> • How can I conduct a survey? • What should I survey about? • Why is surveying important to use while researching? 	I am able too... <ul style="list-style-type: none"> • Create a survey create a spreadsheet and conduct a survey 	<ul style="list-style-type: none"> • Demonstrate • Thinking • Innovative • Complex • Generate • Processing • Spreadsheet
Research (Week 4/5) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Concept 3: Trends and Possibilities Use technology to forecast trends and possibilities	What would happen? <ul style="list-style-type: none"> • How am I going to research a topic about what would happen? 	I am able too... <ul style="list-style-type: none"> • Research about a topic about why 	<ul style="list-style-type: none"> • Creativity • Questions • Perspectives • Topic

	PO 2: Ask questions and investigate a problem from different perspectives and formulate inferences from known facts.			
<p>Research (Week 4/5)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 3: Research and Information Literacy This strand requires that students apply digital tools to gather, evaluate, and use information. Concept 1: Planning Plan strategies to guide inquiry, using technology PO 1: Predict and use key words and phrases that narrow or broaden information searches.</p>	<ul style="list-style-type: none"> • What is keyword? • How do I determine what is a keyword? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Find a keyword to get more information about my research • Narrow my research 	<ul style="list-style-type: none"> • Plan • Strategies • Guide • Inquiry • Narrow • Broaden
<p>Research (Week 4/5)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 3: Research and Information Literacy This strand requires that students apply digital tools to gather, evaluate, and use information. Concept 1: Planning Plan strategies to guide inquiry, using technology PO 2: Determine which information source will provide the desired data.</p>	<ul style="list-style-type: none"> • Which website will give me more accurate information? • Which website will give me more accurate data? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Find out which data is more accurate 	<ul style="list-style-type: none"> • Requires • Apply • Data
<p>Research (Week 4/5)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book 	<p>Strand 3: Research and Information Literacy This strand requires that students apply</p>	<ul style="list-style-type: none"> • How do I know what is an advance search? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Create a keyword for an advance search using the Internet. 	<ul style="list-style-type: none"> • Critical • Thinking • Essential • Questions

<ul style="list-style-type: none"> ✓ Websites ✓ Printers ✓ USB Drive 	<p>digital tools to gather, evaluate, and use information.</p> <p>Concept 2: Processing Locate, organize, analyze, evaluate, synthesize and ethically use information from a variety of sources and media.</p> <p>PO 1: Locate and synthesize information utilizing advanced search strategies.</p>	<ul style="list-style-type: none"> • What are some keywords to determine what is advance search? 	<ul style="list-style-type: none"> • Know step by step on how to use the advance search using the internet 	<ul style="list-style-type: none"> • Advance • Search
<p>Research (Week 4/5)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 3: Research and Information Literacy This strand requires that students apply digital tools to gather, evaluate, and use information.</p> <p>Concept 2: Processing Locate, organize, analyze, evaluate, synthesize and ethically use information from a variety of sources and media.</p> <p>PO 4: Synthesize research information to create new understanding.</p>	<ul style="list-style-type: none"> • What kind of information do I gather and compare? 	<p>I am able too... Compare and contrast two different information</p>	<ul style="list-style-type: none"> • Research • Processing • Synthesize • Media • Gather • Compare • Contrast
<p>Research (Week 4/5)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 4: Critical Thinking, Problem Solving, Decision Making This strand requires students to use critical thinking, problem solving, and decision making to manage projects using digital tools and resources.</p> <p>Concept 1: Investigation Identify and define authentic problems</p>	<ul style="list-style-type: none"> • Why are people homeless? • What are some steps to help prevent people from being homeless? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Learn more about why are people homeless • Identify why people are without homes 	<ul style="list-style-type: none"> • Thinking • Problem • Homeless • Explore • Solution • Plan • Manage

	<p>and significant questions for investigation.</p> <p>PO 1: Write essential questions to investigate a topic or issue using digital tools and resources.</p>			
<p>Research (Week 4/5)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 5: Digital Citizenship This strand requires students to understand human, cultural, and societal issues related to technology practice and ethical behavior</p> <p>Concept 3: Impact of Technology Develop an understanding of the cultural, historical, economic and political impact of technology on individuals and society.</p> <p>PO 1: Analyze current economic, environmental, health, political, scientific, or social problems that have technological solutions and propose potential solutions for the problems.</p>	<ul style="list-style-type: none"> • How do I solve this situation? • What is the problem with my resources? 	<ul style="list-style-type: none"> • I am able too... • Find some problems in my research and solve the situation on my research 	<ul style="list-style-type: none"> • Situation • Problem • Technological • Potential
<p>Research (Week 4/5)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 1: Understanding Recognize, define and use technology term, processes, systems and applications.</p>	<ul style="list-style-type: none"> • What are some problems with cellphone? • How is cellphone useful? • Are cellphone bad or good? • What is some downfall of using a 	<ul style="list-style-type: none"> • I am able too... • Know the difference between pro's and con's of cellphone • Create a PowerPoint on cellphones 	<ul style="list-style-type: none"> • Cellphone • Create • Useful • downfall

	PO 5: Analyze and evaluate physical risks of using digital technology.	cell phone while driving?		
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2 nd Quarter PowerPoint (Week 6/7) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Concept 4: Original Works Use technology to create original works in innovative ways. PO 1: Create innovative products or projects using digital tools to express original ideas.	<ul style="list-style-type: none"> • What are some old versions of computers? • Who invented the first computers? • What are the differences of new and old computers? 	I am able too... <ul style="list-style-type: none"> • Compare and contrast new and old versions of computers • Create a PowerPoint on both new and old. 	<ul style="list-style-type: none"> • Original work • Innovative • Express • Difference • Version
PowerPoint (Week 6/7) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 2: Communication and Collaboration This strand requires students to use digital media and environments to communicate and collaborate with others. Concept 3: Global Connections Create cultural understanding and global awareness by interacting with learners of other cultures.	<ul style="list-style-type: none"> • What two countries do I do my research on? • How will I compare them both? • What will be the time frame for my PowerPoint? 	I am able to.. <ul style="list-style-type: none"> • Do a research on two different countries • Create a PowerPoint on both countries 	<ul style="list-style-type: none"> • Communication • Global • Connections • Awareness • Interacting

	PO 1: Independently locate and interact with teacher approved global communities			
PowerPoint (Week 6/7) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 4: Critical Thinking, Problem Solving, Decision Making This strand requires students to use critical thinking, problem solving, and decision making to manage projects using digital tools and resources. Concept 2: Exploring Solutions Plan and manage activities to develop solutions to answer a question or complete a project. PO 1: Plan, conduct and manage research using appropriate digital resources to develop solutions for a question.	<ul style="list-style-type: none"> • Who does drug addiction affect? • Why do people do drugs? 	<ul style="list-style-type: none"> • I am able too.. • Know that drugs can affect a lot of people • Create a PowerPoint about drugs and the harm it can do on a person 	<ul style="list-style-type: none"> • Addiction • Drug • Question • Answer
PowerPoint (Week 6/7) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 5: Digital Citizenship This strand requires students to understand human, cultural, and societal issues related to technology practice and ethical behavior. Concept 3: Impact of Technology Develop an understanding of the cultural, historical, economic and political impact of technology on individuals and society. PO 1: Analyze current economic, environmental, health, political, scientific, or social problems that have	<ul style="list-style-type: none"> • How do I solve this situation? • What is the problem with my resources? 	I am able too... <ul style="list-style-type: none"> • Find some problems in my research and solve the situation on my research 	<ul style="list-style-type: none"> • Situation • Problem • Technological • Potential

	technological solutions and propose potential solutions for the problems.			
PowerPoint (Week 6/7) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations. Concept 1: Understanding Recognize, define and use technology term, processes, systems and applications. PO 3: Choose technology applications appropriate for the audience and task.	<ul style="list-style-type: none"> • What is PowerPoint? • How do I access PowerPoint? 	I am able too... Create a PowerPoint presentation?	<ul style="list-style-type: none"> • Operations • Concepts • Demonstrate • Sound • Systems • Recognize • Term • Processes • Application • Appropriate • Audience
PowerPoint (Week 6/7) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations. Concept 2: Application Select and use applications effectively and productively. PO 5: Create and edit visual and audio material to generate a stand-alone multimedia product.	<ul style="list-style-type: none"> • What is PowerPoint? • How can I determine which multimedia presentation to choose from? • How do I add multiple pages? • How do I add audio to my slides? • How do I add images? • How do I add transition to my slides? 	I am able too... <ul style="list-style-type: none"> • Create 10 PowerPoint slides. • Create different images to my slides. • Add different multiple pages to my slides. 	<ul style="list-style-type: none"> • Strand • Demonstrate • Sound • Systems • Operations • Effectively • Productively • Create • Multimedia • Audio • Images • Transitions • Individual • Assignments



- What is transition?

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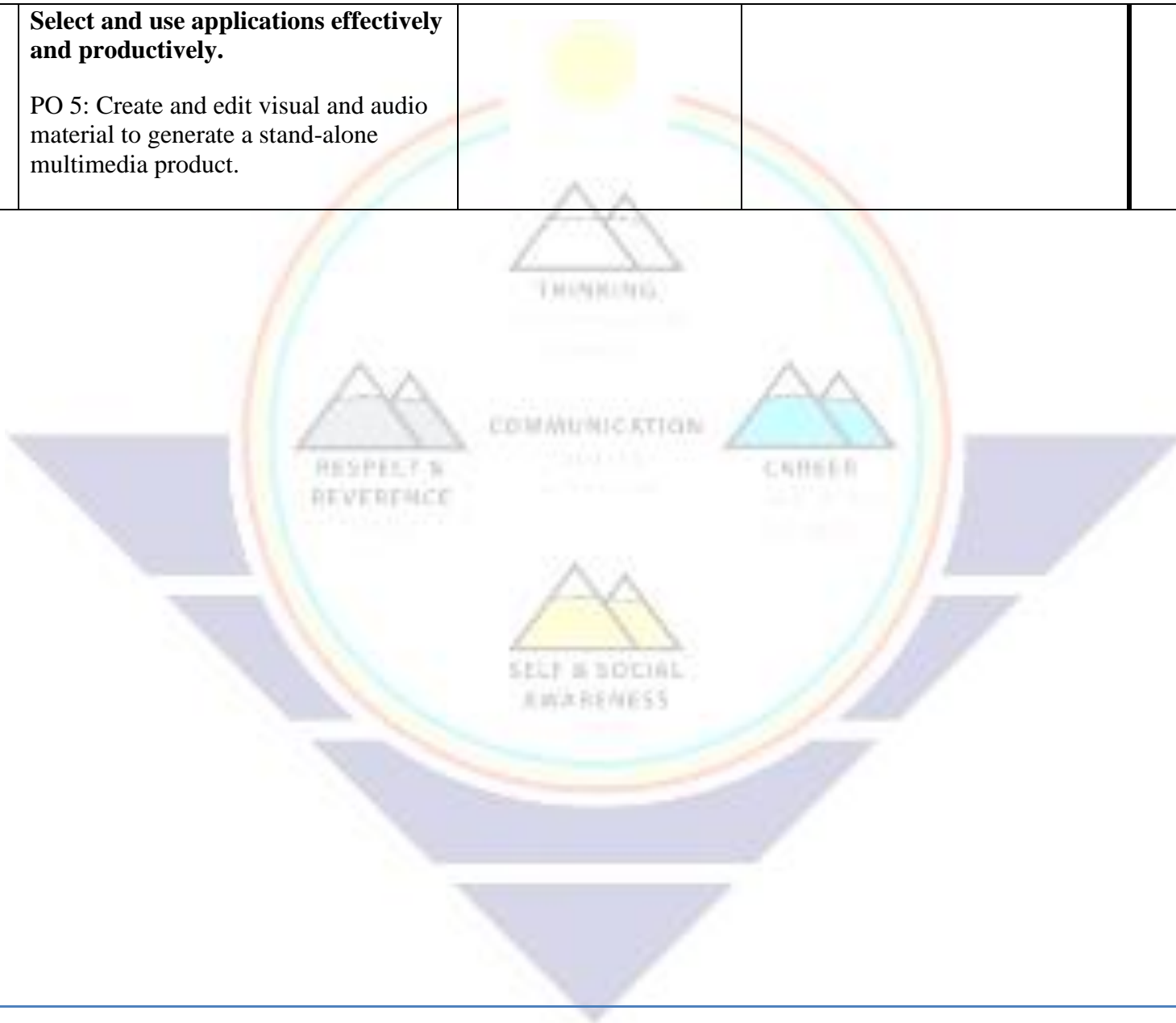
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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
2 nd Quarter Spreadsheet (Week 8/9) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Concept 3: Trends and Possibilities Use technology to forecast trends and possibilities. PO 1: Identify patterns and trends to forecast possibilities from different perspectives.	What is Civilization?	I am able too... <ul style="list-style-type: none"> • Create a survey about different type of civilization. 	<ul style="list-style-type: none"> • Civilization • Forecast • Trends • Possibility
Spreadsheet (Week 8/9) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Concept 3: Trends and Possibilities Use technology to forecast trends and possibilities. PO 2: Ask questions and investigate a problem from different perspectives and formulate inferences from known facts.	<ul style="list-style-type: none"> • What is a population? • How can I determine what population to compare? 	I am able too... <ul style="list-style-type: none"> • Compare two populations. • Create a report about population. 	<ul style="list-style-type: none"> • Communication • Collaboration • Producing • Population • Compare

<p>Spreadsheet (Week 8/9)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 4: Critical Thinking, Problem Solving, Decision Making This strand requires students to use critical thinking, problem solving, and decision making to manage projects using digital tools and resources.</p> <p>Concept 2: Exploring Solutions Plan and manage activities to develop solutions to answer a question or complete a project.</p> <p>PO 1: Plan, conduct and manage research using appropriate digital resources to develop solutions for a question.</p>	<ul style="list-style-type: none"> • Who does drug addiction affect? • Why do people do drugs? 	<ul style="list-style-type: none"> • I am able too.. • Know that drugs can affect a lot of people • Create a PowerPoint about drugs and the harm it can do on a person 	<ul style="list-style-type: none"> • Addiction • Drug • Question • Answer
<p>Spreadsheet (Week 8/9)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 1: Understanding Recognize, define and use technology term, processes, systems and applications.</p> <p>PO 3: Choose technology applications appropriate for the audience and task.</p>	<ul style="list-style-type: none"> • What is Spreadsheet? • How do I access Spreadsheet 	<p>I am able too...</p> <ul style="list-style-type: none"> • Create a spreadsheet presentation? 	<ul style="list-style-type: none"> • Operations • Concepts • Demonstrate • Sound • Systems • Recognize • Term • Processes • Application • Appropriate • Audience
<p>Spreadsheet (Week 8/9)</p>	<p>Strand 6: Technology Operations and Concepts This strand requires students to</p>	<ul style="list-style-type: none"> • How can I use spreadsheet to 	<p>I am able too..</p> <ul style="list-style-type: none"> • Crate a pig graph 	<ul style="list-style-type: none"> • Pie graph • Line graph

<ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 2: Application Select and use applications effectively and productively.</p> <p>PO 3: Apply formatting features while using spreadsheet programs to customize tables, charts, and graphs.</p>	<p>determine what graph to use</p> 	<ul style="list-style-type: none"> • Create a bar graph • Create a column graph 	<ul style="list-style-type: none"> • Column graph
<p>Spreadsheet (Week 8/9)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 2: Application Select and use applications effectively and productively.</p> <p>PO 4: Create a simple database for a content area.</p>	<ul style="list-style-type: none"> • What is spreadsheet? • What are cells? • What are columns? • What are formulas? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Know what is a cell • Know a column • Know formulas 	<ul style="list-style-type: none"> • Technology • Operations • Concepts • Demonstrate • Sound • Applications • Effectively • Productively • Produce • Simple • Charts • Graphs • Data • Spreadsheet
<p>Spreadsheet (Week 8/9)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 2: Application</p>	<ul style="list-style-type: none"> • What is spreadsheet? • What are cells? • What are columns? • What are formulas? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Know what is a cell • Know a column • Know formulas 	<ul style="list-style-type: none"> • Sound • Technology • System • Perform • Operations • Database

	<p>Select and use applications effectively and productively.</p> <p>PO 5: Create and edit visual and audio material to generate a stand-alone multimedia product.</p>			
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MSWord (Week 10) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Concept 3: Trends and Possibilities Use technology to forecast trends and possibilities. PO 2: Ask questions and investigate a problem from different perspectives and formulate inferences from known facts.	<ul style="list-style-type: none"> • How do I determine a topic about the question what would happen? • What format would I use to write about my topic? 	I am able too... <ul style="list-style-type: none"> • Find a topic to research. • Determine what format to use when I'm ready to type. • Type a report about "What would happen" 	<ul style="list-style-type: none"> • Demonstrate • Features • Conventions • Voice • Etiquette Audience
MSWord (Week 10) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Concept 4: Original Works Use technology to create original works in innovative ways. PO 2: Use digital tools to collaborate with a group to communicate original	<ul style="list-style-type: none"> • How do I create a certificate? • What program do I use? • How many different ways can I design a certificate? 	I am able too... <ul style="list-style-type: none"> • Create a certificate • Design my layout • Add borders to a certificate design. 	<ul style="list-style-type: none"> • Creativity • Construct • Original • Produce • Express

	ideas, products, or projects effectively in a creative or innovative style.			
<p>MSWord (Week 10)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 2: Communication and Collaboration This strand requires students to use digital media and environments to communicate and collaborate with others.</p> <p>Concept 1: Effective Communications and Digital Interactions Communicate and collaborate with others employing a variety of digital environments and media. PO 2: Explain and demonstrate features, conventions, voice, and etiquette of interactive digital environments to communicate with an appropriate audience</p>	<ul style="list-style-type: none"> • How can I spread the word of “Responsible text messaging tips”? • What are some steps do I have to follow to create a brochure about text messaging? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Create a brochure about text message. • Come up with tips to help other student about text messaging. 	<ul style="list-style-type: none"> • Demonstrate • Features • Convention • Voice • Etiquette • Environment • Communicate • Texting • Brochure
<p>MSWord (Week 10)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 2: Communication and Collaboration This strand requires students to use digital media and environments to communicate and collaborate with others.</p> <p>Concept 2: Digital Solutions Contribute to project teams to produce original works or solve problems</p> <p>PO 1: Communicate and collaborate for the purpose of producing original works or solving problems.</p>	<ul style="list-style-type: none"> • How to cite a website? • How to cite a website with music? • What format do I use? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Format a music website • Identify each parts of a music website. 	<ul style="list-style-type: none"> • Projects • Produce • Original • Cite • Identify

<p>MSWord (Week 10)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 3: Research and Information Literacy This strand requires that students apply digital tools to gather, evaluate, and use information.</p> <p>Concept 2: Processing Locate, organizes, analyze, evaluate, synthesize and ethically use information from a variety of sources and media.</p> <p>PO 5: Apply ethical use of information and media by respecting copyrights, intellectual property rights, using information and media responsibly, and citing resources appropriately.</p>	<ul style="list-style-type: none"> • How can I use safe Internet search? • Why is Internet safety important? • What are examples of safe Internet within the home, school, community, and work place? 	<p>I am able to..</p> <ul style="list-style-type: none"> • Create a poster about Internet safety. • Know when to use the Internet at home, school, community, and at work. 	<ul style="list-style-type: none"> • Digital • Citizenship • Societal • Safety • Ethics
<p>MSWord (Week 10)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 5: Digital Citizenship This strand requires students to understand human, cultural, and societal issues related to technology practice and ethical behavior.</p> <p>Concept 1: Safety and Ethics Advocate and practice safe, legal, and responsible use of information and technology</p> <p>PO 1: Assess situations in which it is appropriate and safe to use a personal</p>	<ul style="list-style-type: none"> • What are the parts of a letters? • How do you write a business letter • Which format do you use when writing a particular letter? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Format a Business Letter. • Format a Personal Letter. • Format a Memo Letter 	<ul style="list-style-type: none"> • Critical • Thinking • Problem • Decision • Projects • Exploring • Solutions • Projects • Perspectives • Collected <p>Data</p>

	digital device in the home, school, community, and in the work place.			
MSWord (Week 10) ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive	Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations. Concept 2: Application Select and use applications effectively and productively. PO 2: Compose a multiple section document using advanced formatting.	<ul style="list-style-type: none"> • What kind of story to rewrite? • How do I change the ending of an existing story? • How long does my story have to be? 	I am able too... <ul style="list-style-type: none"> • Rewrite an existing story • Create my own story • Complete an existing story 	<ul style="list-style-type: none"> • Compose • Multiple • Section • Document • Formatting • Application • Story
MSWord (Week 10) ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive	Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Concept 1: Knowledge and Ideas Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding. PO 1: Analyze and evaluate information to generate new ideas, processes or products.	<ul style="list-style-type: none"> • What kind of information do I gather and compare? • What are some graphic organizer can I use to help me with my research? 	I am able too... <ul style="list-style-type: none"> • Compare and contrast two different information • Find out how to research and be organize. 	<ul style="list-style-type: none"> • Research • Processing • Synthesize • Media • Gather • Compare • Contrast

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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
<p>Textbook/Internet (Week 11)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 3: Research and Information Literacy This strand requires that students apply digital tools to gather, evaluate, and use information.</p> <p>Concept 2: Processing Locate, organize, analyze, evaluate, synthesize and ethically use information from a variety of sources and media.</p> <p>PO 2: Evaluate and use authoritative primary and/or secondary sources.</p>	<ul style="list-style-type: none"> • Why use both? • Which is a reliable resource? (Textbook/Internet) • Why do we need them both? • Whose information is more accurate? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Determine what resource is more reliable. • Find out what is more accurate. <p>Create a Brochures about what is the right information.</p>	<ul style="list-style-type: none"> • Literacy • Apply • Locate • Organize • Analyze • Evaluate • Synthesize • Ethically • Variety • Media • Authoritative • Primary • Secondary

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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
Cyber bullying (Week 11) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 5: Digital Citizenship This strand requires students to understand human, cultural, and societal issues related to technology practice and ethical behavior.</p> <p>Concept 1: Safety and Ethics Advocate and practice safe, legal, and responsible use of information and technology</p> <p>PO 2: Describe strategies to deal with cyber-bullying situations.</p>	<ul style="list-style-type: none"> • What is cyber bullying? • What Is the different between cyber bullying and bullying • Can cyber-bullying affect your everyday life? • Can cyber bully be prevented? • How can I help other from cyber-bullying? 	<ul style="list-style-type: none"> • I am able too... • Know now the difference between both cyber bullying and bullying • Create a poster about cyber-bullying • Identify the safety of using the internet. 	<ul style="list-style-type: none"> • Citizenship • Cultural • Societal • Issues • Related • Practice • Ethical • Behavior • Advocate • Practice • Safe • Legal • Responsible • Cyber Bully • Strategies Situation

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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
Purchasing (Week 13) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 5: Digital Citizenship This strand requires students to understand human, cultural, and societal issues related to technology practice and ethical behavior.</p> <p>Concept 1: Safety and Ethics Advocate and practice safe, legal, and responsible use of information and technology</p> <p>PO 5: Analyze and compare various aspects of e-commerce.</p>	<ul style="list-style-type: none"> • What is the difference between price of a new car in the USA and across the country? • How do I purchase a new car from across the country? 	I am able too.... <ul style="list-style-type: none"> • Find out the price from across the country. • Compare the price between a car in the USA and across the country. 	<ul style="list-style-type: none"> • Safety • Ethics • Advocate • Analyze • Compare • Various • Aspects • Purchase

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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
<p>Terms (Week 14)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 1: Understanding Recognize, define and use technology term, processes, systems and applications. PO 2: Define and apply knowledge of various technical process terms.</p>	<ul style="list-style-type: none"> • What are some ways that I can define technology terms? • What are the major technology terms? • How will I apply those terms? 	<ul style="list-style-type: none"> • I am able too... • Define what are terms <p>Identify technology terms</p>	<ul style="list-style-type: none"> • Operations • Term • Processes • Application • Define • Apply • Various • Technical • Process

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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
Websites (Week 15) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 2: Communication and Collaboration This strand requires students to use digital media and environments to communicate and collaborate with others.</p> <p>Concept 1: Effective Communications and Digital Interactions Communicate and collaborate with others employing a variety of digital environments and media.</p> <p>PO 1: Collaborate and communicate with peers, experts, or others employing a variety of digital tools to share findings and/or publish.</p>	<ul style="list-style-type: none"> • What is High Quality Website? • How do I determine what is high quality website? 	I am able too... <ul style="list-style-type: none"> • Find out what is high quality website. • List some high quality website and create a poster to share with other students. 	<ul style="list-style-type: none"> • Communication • Peers • Experts • Employing • Share • Finding • Publish
Websites (Week 15) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers 	<p>Strand 3: Research and Information Literacy This strand requires that students apply digital tools to gather, evaluate, and use information.</p>	<ul style="list-style-type: none"> • What are E-pals? • How do we use E-pals? • Do we create an E-pal account? 	I am able too... <ul style="list-style-type: none"> • Find out information about E-pals. • Look up information about E-pals • Create an E-pals account. 	<ul style="list-style-type: none"> • Locate • Gather • Evaluate • Facts • Opinion

<ul style="list-style-type: none"> ✓ USB Drive 	<p>Concept 2: Processing Locate, organize, analyze, evaluate, synthesize and ethically use information from a variety of sources and media.</p> <p>PO 3: Evaluate between fact and opinion, bias, inaccurate and misleading information by consulting multiple sources.</p>	<ul style="list-style-type: none"> • How do we access E-pal? 		<ul style="list-style-type: none"> • Bias • Inaccurate • Misleading • Consulting • Multiple • Sources
<p>Websites (Week 15)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 2: Application Select and use applications effectively and productively.</p> <p>PO 6: . Identify criteria for evaluating technical and design qualities of a web site and then create web-based content from the identified criteria.</p>	<ul style="list-style-type: none"> • What are some down falls of using blog chat and message board? • What are some reasons to post on a blog, chat or message board. 	<p>I am able too...</p> <ul style="list-style-type: none"> • Know what I should post on the Internet. • To define what is a blog, chat and message board. 	<ul style="list-style-type: none"> • Operations • Concepts • Requires • Demonstrate • Sound • Application • Effectively • Productively • Web • Incorporating • Text • Links • Graphics

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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
Filing/Sharing (Week 16) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations. Concept 2: Application Select and use applications effectively and productively. PO 7: Identify and use network protocols for moving files and secure web access.	<ul style="list-style-type: none"> • How am I able to share files with other students? • What are some ways to share file? • What are some legal files sharing? 	I am able too... <ul style="list-style-type: none"> • Know when it's a good time to share files. • Understand the difference between downloading and sync files. Identify the safety of file sharing. 	<ul style="list-style-type: none"> • Requires • Network • Storage • Drives • Access • Share • Information Directory

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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
<p>Hardware/Software/Server (Week 16)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 1: Understanding Recognize, define and use technology term, processes, systems and applications. PO 1: Explain how systems are integrated detailing input, output, and network devices.</p>	<ul style="list-style-type: none"> • What is LAN and wireless? 	<p>I am able too</p> <ul style="list-style-type: none"> • Know what is LAN <p>Know how and what is a wireless connections.</p>	<ul style="list-style-type: none"> • Recognize • Term • Processes • Application Network
<p>Hardware/Software/Server (Week 16)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 3: Troubleshoot Systems and Processes Define problems and investigates solutions in systems and processes.</p>	<ul style="list-style-type: none"> • How can I troubleshoot a problem? • What is troubleshooting? • How can I fix it? • How do I update software? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Update a software • Learn more about software update. <p>Fix a minor problem with the hardware.</p>	<ul style="list-style-type: none"> • Troubleshoot • Demonstrate • Investigates • Solutions • Generate • Apply • Solutions • Troubleshoot • Hardware • Software

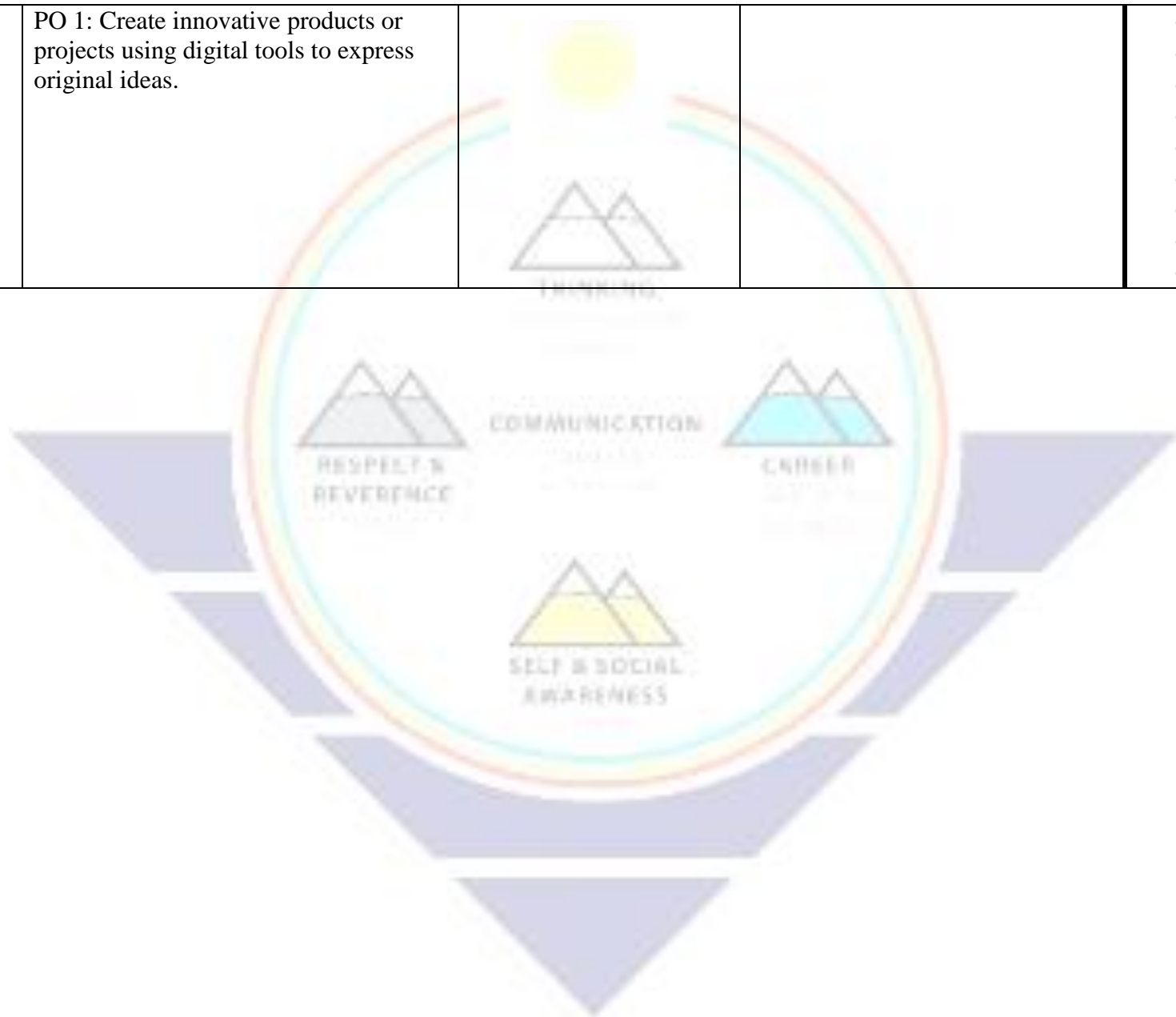
	PO 1: Generate and apply solutions to troubleshoot hardware and software issues and problems.			<ul style="list-style-type: none"> • Issues Problems
<p>Hardware/Software/Server (Week 16)</p> <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 6: Technology Operations and Concepts This strand requires students to demonstrate a sound understanding of technology concepts, systems, and operations.</p> <p>Concept 4: Transfer of Knowledge Transfer current knowledge to learning of new technologies.</p> <p>PO 1: Transfer understanding of current technologies to new and novel learning situations.</p>	<ul style="list-style-type: none"> • What are input/output? • How many input/output does a computer have? • Why are they call input/out? 	<p>I am able too...</p> <ul style="list-style-type: none"> • Know what is the difference between both input/output • Create a poster about input/output devices and label each one. 	<ul style="list-style-type: none"> • Troubleshoot • Demonstrate • Investigates • Solutions • Generate • Apply • Troubleshoot • Hardware • Software • Issues • Problems

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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
Operating System (Week 17) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.</p> <p>Concept 2: Models and Simulations Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding</p> <p>PO 3: Analyze and apply understanding of how one system, digital models or simulations operates by comparing it to another system of a different type that operates in a similar manner.</p>	<ul style="list-style-type: none"> • What is similar between both apple/windows computers? • Which is better to use? 	<ul style="list-style-type: none"> • I am able too... • Know the difference between both apple/windows computer • Present an essay about the two operating systems. 	<ul style="list-style-type: none"> • Apple Computer • Windows computer • Facts Compare
Operating System (Week 17) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers 	<p>Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.</p> <p>Concept 4: Original Works Use technology to create original works in innovative ways.</p>	<ul style="list-style-type: none"> • How to determine what is bias? • What to look for on the Internet to find out what are fact, opinion and bias which article is more reliable? 	I am able too... <ul style="list-style-type: none"> • Analyze excerpt from to identify facts and opinion. • Determine the level of bias in a text. 	<ul style="list-style-type: none"> • Information • Literacy • Digital • Gather • Evaluate • Information • Locate


<p>✓ USB Drive</p>	<p>PO 1: Create innovative products or projects using digital tools to express original ideas.</p>		<ul style="list-style-type: none"> • Organize • Analyze • Facts • Opinion • Bias • Inaccuracies • Consulting • Multiple • Sources
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Timeline & Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
Graphics Design (Week 18) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.</p> <p>Concept 2: Models and Simulations Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding</p> <p>PO 1: Summarize the relationship amongst interdependent elements of a digital model or simulation</p>	<ul style="list-style-type: none"> • How do I find out the map to where I live? • Why do people make maps? • How do you read a map? 	<p>I am able too....</p> <ul style="list-style-type: none"> • Learn more about mapping • Learn more about label each map <p>Learn how to use symbols to indicate what to identify</p>	<ul style="list-style-type: none"> • Creativity • Innovation • Models • Relationship • Mapping • Label Symbols
Graphics Design (Week 18) <ul style="list-style-type: none"> ✓ Computer ✓ Text Book ✓ Websites ✓ Printers ✓ USB Drive 	<p>Strand 1: Creativity and Innovation This strand requires demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.</p> <p>Concept 2: Models and Simulations Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding</p>	<ul style="list-style-type: none"> • What will I be mapping? • How far is one state to another state? • Why do I need to label each states? 	<ul style="list-style-type: none"> • Learn more about mapping • Learn more about label each map • Learn how to use symbols to indicate what to identify 	<ul style="list-style-type: none"> • Creativity • Innovation • Models • Relationship • Mapping • Label Symbols

	PO 2: Analyze system processes and outcomes using models or simulations.			
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