PRESCOTT UNIFIED SCHOOL DISTRICT
District Instructional Guide
Date Revised __Sept. 2015____

Grade Level: *7-8 mixed*	Subject: *Computer Technology / Integrated Digital Arts*	Time: *Quarter 1*	Core Text: *The World!*

***THIS CURRICULUM WILL ADJUST AND MODIFY DEPENDING ON THE NEEDS OF THE STUDENTS. THESE CLASSES ARE MIXED** (with 7th and 8th graders)* <u>*AND*</u> *SINCE THERE ARE NO PREREQUISITE COURSES EACH CLASS WILL HAVE A WIDE RANGE OF DIFFERING ABILITIES* (no experience through a good level of experience).

YEAR 1
1. All things Google Apps- Chrome, Typing Club/Typing Test & Google App.
   - a.) Docs
   - b.) Drawing
   - c.) Slide
   - d.) Sheet
   - e.) Forms
   - *Photoshop

YEAR 2
1. All things Windows 7 OS. Typing.com/Typing Test & MS Office Apps.
   - a.) Word
   - b.) Publisher
   - c.) PowerPoint
   - d.) Excel
   - e.) ~~Access~~
   - *Photoshop

Time	Topic	Content (Nouns)	Skills (Verbs)	Standards
Introduced and integrate throughout.	1. Leadership + Team Building + Citizenship + Procedures.	• "Guidelines & Interventions for Success" • Support Team Partners • "Classroom Procedures" • Leadership Principles & Strategies.- becoming a self-directed, independent, collaborative learner.	• *Demonstrate the ability to be a conscientious, self-directed, productive, independent, collaborative learner and leader.* • *5-1: Advocate and practice safe, legal, and responsible use of information and technology.* • *5-2: Demonstrate leadership for digital citizenship.* • *5-3: Develop an understanding of cultural, historical, economic and political impact of technology on individuals and society.*	1. Technology Operations & Concepts [Strand 6]. 2. Digital Citizenship [Strand 5].
Introduced and integrate throughout.	2. Keyboarding 3. Google Drive/Docs Management- Naming Procedures (WHAT to name it) + Saving Procedures (WHERE to save it). 4. Technology Concepts & Operations- login procedures, GFC Videos "Computer	• **Concept 6-1 "Understanding"-** *Recognize, define, and use technology processes, systems, and applications.* • **Concept 6-2 "Applications"-** *Select and use applications effectively and productively.* • **Concept 6-3 "Problem Solving"-** *Define problems and investigate solutions in systems and processes.* • **Concept 6-4 "Transfer of Knowledge"-** *Transfer current knowledge to learning new technologies.* • *Concept 3-1 "Planning"- Plan strategies to guide inquiry.* • *Concept 3-2 "Processing"- Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.*	• *6-1: Recognize, define, and use technology processes, systems, and applications.* • *6-2: Select and use applications effectively and productively.* • *6-3: Select and use applications effectively and productively.* • *6-4: Transfer current knowledge to learning new technologies.* • *3-1: Plan strategies to guide inquiry.* • *3-2: Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.*	1. Technology Operations & Concepts [Strand 6]. 2. Research & Information Literacy [Strand 3].

	Basics," maintenance, troubleshooting & "5 Categories. 5. Google Mail Processes 6. Word Processing- G-Docs & MS Word.			
Introduced and integrate throughout.	7. Digital Citizenship- Human Dignity + Net Safety + Copyright Laws 8. Google Forms. 9. Study Skills- Kahoots! 10. Desktop Publishing- MS Publisher & PowerPoint/G-Slides.	● **Concept 5-1 "Safety & Ethics"**- *Advocate and practice safe, legal, and responsible use of information and technology.* ● **Concept 5-2 "Leadership for Digital Citizenship"**- *Demonstrate leadership for digital citizenship.* ● **Concept 5-3 "Impact of Technology"**- *Develop an understanding of cultural, historical, economic and political impact of technology on individuals and society.* ● ***Concept 2-1 "Effective Communication Digital Interactions"**- Communicate and collaborate with others employing a variety of digital environments and media.* ● ***Concept 2-2 "Digital Solutions"**- Contribute to project teams to produce original works or solve problems.* ● ***Concept 2-3 "Global Connections"**- Create cultural understanding and global awareness by interacting with learners of other cultures.* ● ***Concept 3-1 "Planning"**- Plan strategies to guide inquiry.* ● ***Concept 3-2 "Processing"**- Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ● **Concept 1-1 "Knowledge & Ideas"**- *Use technology to generate knowledge and new ideas.* ● **Concept 1-2 "Models & Simulations"**- *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● **Concept 1-3 "Trends & Possibilities"**- *Use technology to forecast trends and possibilities.*	● 5-1: *Advocate and practice safe, legal, and responsible use of information and technology.* ● 5-2: *Demonstrate leadership for digital citizenship.* ● 5-3: *Develop an understanding of cultural, historical, economic and political impact of technology on individuals and society.* ● 2-1: *Communicate and collaborate with others employing a variety of digital environments and media.* ● 2-2: *Contribute to project teams to produce original works or solve problems.* ● 2-3: *Create cultural understanding and global awareness by interacting with learners of other cultures.* ● 3-1: *Plan strategies to guide inquiry.* ● 3-2: *Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ● 1-1: *Use technology to generate knowledge and new ideas.* ● 1-2: *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● 1-3: *Use technology to forecast trends and possibilities.*	1. Technology Operations & Concepts [Strand 6]. 2. Digital Citizenship [Strand 5]. 3. Communication & Collaboration [Strand 2]. 4. Research & Information Literacy [Strand 3]. 5. Creativity & Innovation [Strand 1].
Introduced and integrate throughout.	11. Code 12. Khan Academy 13. Growth	● **Concept 4-1 "Investigation"**- *Identify and define authentic problems and significant questions for investigations.* ● **Concept 4-2 "Exploring Solutions"**- *Plan and manage to develop solutions to answer a question or complete a project.*	● 4-1: *Identify and define authentic problems and significant questions for investigations.* ● 4-2: *Plan and manage to develop solutions to answer a question or complete a project.* ● 1-1: *Use technology to generate knowledge and new ideas.* ● 1-2: *Use digital models and simulations to examine real-world*	1. Technology Operations & Concepts [Strand 6]. 2. Digital Citizenship [Strand 5]. 3. Communication & Collaboration [Strand

	Mindset/Adaptive Software Activities- Problem Solving, Conflict Resolution, Critical Thinking & Decision making; Language Learning; MobyMax/AdaptedMind Math/Reading; Interpreting Powerful Story Themes;	● **Concept 1-1 "Knowledge & Ideas"**- *Use technology to generate knowledge and new ideas.* ● **Concept 1-2 "Models & Simulations"**- *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● **Concept 1-3 "Trends & Possibilities"**- *Use technology to forecast trends and possibilities.*	*connections, explore complex systems and issues, and enhance understanding.* ● *1-3: Use technology to forecast trends and possibilities.*	2]. 4. Critical Thinking & Problem Solving & Decision Making [Strand 4]. 5. Creativity & Innovation [Strand 1].
Introduced and integrate throughout.	14. Video Production Projects- Animoto, iMovie, Stop Motion Projects. 15. Integrated, Real-World Projects Menu (Independent Learning Projects)- a.) Servant Leadership University b.) Kindness & Justice Projects. c.) Cyber Ambassadors International Goodwill Projects (E-pals). d.) MH Video Production Team e.) Careers Projects	● **Concept 1-1 "Knowledge & Ideas"**- *Use technology to generate knowledge and new ideas.* ● **Concept 1-2 "Models & Simulations"**- *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● **Concept 1-3 "Trends & Possibilities"**- *Use technology to forecast trends and possibilities.***Concept 3-2 "Processing"**- *Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ● ***Concept 2-1 "Effective Communication Digital Interactions"**- Communicate and collaborate with others employing a variety of digital environments and media.* ● ***Concept 2-2 "Digital Solutions"**- Contribute to project teams to produce original works or solve problems.* ● ***Concept 2-3 "Global Connections"**- Create cultural understanding and global awareness by interacting with learners of other cultures.* ● ***Concept 3-1 "Planning"**- Plan strategies to guide inquiry.* ● ***Concept 3-2 "Processing"**- Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ● **Concept 4-1 "Investigation"**- *Identify and define authentic problems and significant questions for investigations.* ● **Concept 4-2 "Exploring Solutions"**- *Plan and manage to develop solutions to answer a question or complete a project.* ● **Concept 5-1 "Safety & Ethics"**- *Advocate and practice safe, legal, and responsible*	▸ *1-1: Use technology to generate knowledge and new ideas.* ▸ *1-2: Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ▸ *1-3: Use technology to forecast trends and possibilities.* ▸ *2-1: Communicate and collaborate with others employing a variety of digital environments and media.* ▸ *2-2: Contribute to project teams to produce original works or solve problems.* ▸ *2-3: Create cultural understanding and global awareness by interacting with learners of other cultures.* ▸ *3-1: Plan strategies to guide inquiry.* ▸ *3-2: Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ▸ *4-1: Identify and define authentic problems and significant questions for investigations.* ▸ *4-2: Plan and manage to develop solutions to answer a question or complete a project.* ▸ *5-1: Advocate and practice safe, legal, and responsible use of information and technology.* ● *5-2: Demonstrate leadership for digital citizenship.* ● *5-3: Develop an understanding of cultural, historical, economic and political impact of technology on individuals and society.* ▸ *6-1: Recognize, define, and use technology processes, systems, and applications.* ▸ *6-2: Select and use applications effectively and productively.* ▸ *6-3: Select and use applications effectively and productively.* ▸ *6-4: Transfer current knowledge to learning new technologies.*	1. Creativity & Innovation [Strand 1] 2. Communication & Collaboration [Strand 2]. 3. Research & Information Literacy [Strand 3]. 4. Critical Thinking & Problem Solving & Decision Making [Strand 4]. 5. Digital Citizenship [Strand 5]. 6. Technology Operations & Concepts [Strand 6].

| | | *use of information and technology.*
● **Concept 5-2 "Leadership for Digital Citizenship"-** *Demonstrate leadership for digital citizenship.*
● **Concept 5-3 "Impact of Technology"-** *Develop an understanding of cultural, historical, economic and political impact of technology on individuals and society*
● **Concept 6-1 "Understanding"-** *Recognize, define, and use technology processes, systems, and applications.*
● **Concept 6-2 "Applications"-** *Select and use applications effectively and productively.*
● **Concept 6-3 "Problem Solving"-** *Define problems and investigate solutions in systems and processes.*
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Time	Topic	Content (Nouns)	Skills (Verbs)	Standards
	1. A continuation and integration of the processes from Qt. 1.	● See Qt.1	● See Qt.1	1. Creativity & Innovation [Strand 1] 2. Communication & Collaboration [Strand 2]. 3. Research & Information Literacy [Strand 3]. 4. Critical Thinking & Problem Solving & Decision Making [Strand 4]. 5. Digital Citizenship [Strand 5]. 6. Technology Operations & Concepts [Strand 6].
	2. Desktop Publishing- "Coat of Arms"; Seasonal Posters/Presentations- Publisher, Photoshop, PowerPoint, Powtoon.	● **Concept 6-1 "Understanding"**- *Recognize, define, and use technology processes, systems, and applications.* ● **Concept 6-2 "Applications"**- *Select and use applications effectively and productively.* ● **Concept 6-3 "Problem Solving"**- *Define problems and investigate solutions in systems and processes.* ● **Concept 6-4 "Transfer of Knowledge"**- *Transfer current knowledge to learning new technologies.* ● **Concept 1-1 "Knowledge & Ideas"**- *Use technology to generate knowledge and new ideas.* ● **Concept 1-2 "Models & Simulations"**- *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● **Concept 1-3 "Trends & Possibilities"**-	● *6-1: Recognize, define, and use technology processes, systems, and applications.* ● *6-2: Select and use applications effectively and productively.* ● *6-3: Select and use applications effectively and productively.* ● *6-4: Transfer current knowledge to learning new technologies.* ● *1-1: Use technology to generate knowledge and new ideas.* ● *1-2: Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● *1-3: Use technology to forecast trends and possibilities.* ● *3-1: Plan strategies to guide inquiry.* ● *3-2: Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.*	1. Technology Operations & Concepts [Strand 6]. 2. Creativity & Innovation [Strand 1]. 3. Research & Information Literacy [Strand 3].

		Use technology to forecast trends and possibilities. ● *Concept 3-1 "Planning"- Plan strategies to guide inquiry.* ● *Concept 3-2 "Processing"- Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.*		
	3. Spreadsheets- Google Sheets & Excel.	● **Concept 6-1 "Understanding"-** *Recognize, define, and use technology processes, systems, and applications.* ● **Concept 6-2 "Applications"-** *Select and use applications effectively and productively.* ● **Concept 6-3 "Problem Solving"-** *Define problems and investigate solutions in systems and processes.* ● **Concept 6-4 "Transfer of Knowledge"-** *Transfer current knowledge to learning new technologies.* ● **Concept 4-1 "Investigation"-** *Identify and define authentic problems and significant questions for investigations.* ● **Concept 4-2 "Exploring Solutions"-** *Plan and manage to develop solutions to answer a question or complete a project.* ● **Concept 1-1 "Knowledge & Ideas"-** *Use technology to generate knowledge and new ideas.* ● **Concept 1-2 "Models & Simulations"-** *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● **Concept 1-3 "Trends & Possibilities"-** *Use technology to forecast trends and possibilities.*	▸ *6-1: Recognize, define, and use technology processes, systems, and applications.* ▸ *6-2: Select and use applications effectively and productively.* ▸ *6-3: Select and use applications effectively and productively.* ▸ *6-4: Transfer current knowledge to learning new technologies.* ● *4-1: Identify and define authentic problems and significant questions for investigations.* ● *4-2: Plan and manage to develop solutions to answer a question or complete a project.* ● *1-1: Use technology to generate knowledge and new ideas.* ● *1-2: Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● *1-3: Use technology to forecast trends and possibilities.*	1. Technology Operations & Concepts [Strand 6]. 2. Critical Thinking & Problem Solving & Decision Making [Strand 4]. 3. Creativity & Innovation [Strand 1].
	4. Net Searching & Validity. 5. Web Site Design- Google Sites	● **Concept 1-1 "Knowledge & Ideas"-** *Use technology to generate knowledge and new ideas.* ● **Concept 1-2 "Models & Simulations"-** *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● **Concept 1-3 "Trends & Possibilities"-** *Use technology to forecast trends and possibilities.* **Concept 3-2 "Processing"-** *Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ● ***Concept 2-1 "Effective Communication Digital Interactions"-*** *Communicate and collaborate with others employing a variety of digital environments and media.*	▸ *1-1: Use technology to generate knowledge and new ideas.* ▸ *1-2: Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ▸ *1-3: Use technology to forecast trends and possibilities.* ▸ *2-1: Communicate and collaborate with others employing a variety of digital environments and media.* ▸ *2-2: Contribute to project teams to produce original works or solve problems.* ▸ *2-3: Create cultural understanding and global awareness by interacting with learners of other cultures.* ▸ *3-1: Plan strategies to guide inquiry.* ▸ *3-2: Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ▸ *4-1: Identify and define authentic problems and significant questions for investigations.* ▸ *4-2: Plan and manage to develop solutions to answer a question or complete a project.*	1. Creativity & Innovation [Strand 1] 2. Communication & Collaboration [Strand 2]. 3. Research & Information Literacy [Strand 3]. 4. Critical Thinking & Problem Solving & Decision Making [Strand 4]. 5. Digital Citizenship [Strand 5]. 6. Technology Operations & Concepts [Strand 6].

		● **Concept 2-2 "Digital Solutions"**- *Contribute to project teams to produce original works or solve problems.* ● **Concept 2-3 "Global Connections"**- *Create cultural understanding and global awareness by interacting with learners of other cultures.* ● **Concept 3-1 "Planning"**- *Plan strategies to guide inquiry.* ● **Concept 3-2 "Processing"**- *Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ● **Concept 4-1 "Investigation"**- *Identify and define authentic problems and significant questions for investigations.* ● **Concept 4-2 "Exploring Solutions"**- *Plan and manage to develop solutions to answer a question or complete a project.* ● **Concept 5-1 "Safety & Ethics"**- *Advocate and practice safe, legal, and responsible use of information and technology.* ● **Concept 5-2 "Leadership for Digital Citizenship"**- *Demonstrate leadership for digital citizenship.* ● **Concept 5-3 "Impact of Technology"**- *Develop an understanding of cultural, historical, economic and political impact of technology on individuals and society* ● **Concept 6-1 "Understanding"**- *Recognize, define, and use technology processes, systems, and applications.* ● **Concept 6-2 "Applications"**- *Select and use applications effectively and productively.* ● **Concept 6-3 "Problem Solving"**- *Define problems and investigate solutions in systems and processes.* ● **Concept 6-4 "Transfer of Knowledge"**- *Transfer current knowledge to learning new technologies.*	● *5-1: Advocate and practice safe, legal, and responsible use of information and technology.* ● *5-2: Demonstrate leadership for digital citizenship.* ● *5-3: Develop an understanding of cultural, historical, economic and political impact of technology on individuals and society.* ● *6-1: Recognize, define, and use technology processes, systems, and applications.* ● *6-2: Select and use applications effectively and productively.* ● *6-3: Select and use applications effectively and productively.* ● *6-4: Transfer current knowledge to learning new technologies.*	
	6. Audio Production- GarageBand, Audacity.	● **Concept 6-1 "Understanding"**- *Recognize, define, and use technology processes, systems, and applications.* ● **Concept 6-2 "Applications"**- *Select and use applications effectively and productively.* ● **Concept 6-3 "Problem Solving"**- *Define problems and investigate solutions in systems and processes.* ● **Concept 6-4 "Transfer of Knowledge"**- *Transfer current knowledge to learning.* ● ***Concept 2-1 "Effective Communication Digital Interactions"***- *Communicate and collaborate with others employing a variety of digital environments and media.* ● ***Concept 2-2 "Digital Solutions"***-	● *6-1: Recognize, define, and use technology processes, systems, and applications.* ● *6-2: Select and use applications effectively and productively.* ● *6-3: Select and use applications effectively and productively.* ● *6-4: Transfer current knowledge to learning new technologies.* ● *2-1: Communicate and collaborate with others employing a variety of digital environments and media.* ● *2-2: Contribute to project teams to produce original works or solve problems.* ● *2-3: Create cultural understanding and global awareness by interacting with learners of other cultures* ● *4-1: Identify and define authentic problems and significant questions for investigations.* ● *4-2: Plan and manage to develop solutions to answer a question or complete a project.* ● *1-1: Use technology to generate knowledge and new ideas.*	1. Technology Operations & Concepts [Strand 6]. 2. Communication & Collaboration [Strand 2]. 3. Critical Thinking & Problem Solving & Decision Making [Strand 4]. 4. Creativity & Innovation [Strand 1].

		Contribute to project teams to produce original works or solve problems. ● ***Concept 2-3 "Global Connections"-*** *Create cultural understanding and global awareness by interacting with learners of other cultures.* ● **Concept 4-1 "Investigation"-** *Identify and define authentic problems and significant questions for investigations.* ● **Concept 4-2 "Exploring Solutions"-** *Plan and manage to develop solutions to answer a question or complete a project. new technologies.* ● **Concept 1-1 "Knowledge & Ideas"-** *Use technology to generate knowledge and new ideas.* ● **Concept 1-2 "Models & Simulations"-** *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● **Concept 1-3 "Trends & Possibilities"-** *Use technology to forecast trends and possibilities.***Concept 3-2 "Processing"-** *Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.*	● 1-2: *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● 1-3: *Use technology to forecast trends and possibilities.*	
Introduced and integrate throughout.	7. cont. Code 8. cont. Khan Academy 9. cont. Growth Mindset/Adaptive Software Activities- Problem Solving, Conflict Resolution, Critical Thinking & Decision making; Language Learning; MobyMax/AdaptedMind Math/Reading; Interpreting Powerful Story Themes;	● **Concept 4-1 "Investigation"-** *Identify and define authentic problems and significant questions for investigations.* ● **Concept 4-2 "Exploring Solutions"-** *Plan and manage to develop solutions to answer a question or complete a project.* ● **Concept 1-1 "Knowledge & Ideas"-** *Use technology to generate knowledge and new ideas.* ● **Concept 1-2 "Models & Simulations"-** *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● **Concept 1-3 "Trends & Possibilities"-** *Use technology to forecast trends and possibilities.*	● 4-1: *Identify and define authentic problems and significant questions for investigations.* ● 4-2: *Plan and manage to develop solutions to answer a question or complete a project.* ● 1-1: *Use technology to generate knowledge and new ideas.* ● 1-2: *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● 1-3: *Use technology to forecast trends and possibilities.*	1. Technology Operations & Concepts [Strand 6]. 2. Digital Citizenship [Strand 5]. 3. Communication & Collaboration [Strand 2]. 4. Critical Thinking & Problem Solving & Decision Making [Strand 4]. 5. Creativity & Innovation [Strand 1].
	10. cont. Integrated, Real-World	● **Concept 1-1 "Knowledge & Ideas"-** *Use technology to generate knowledge and new ideas.* ● **Concept 1-2 "Models & Simulations"-** *Use digital models and simulations to*	● 1-1: *Use technology to generate knowledge and new ideas.* ● 1-2: *Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.* ● 1-3: *Use technology to forecast trends and possibilities.*	1. Creativity & Innovation [Strand 1] 2. Communication & Collaboration [Strand 2]. 3. Research & Information Literacy

	Projects Menu (Independent Learning Projects)- a.) Servant Leadership University b.) Kindness & Justice Projects. c.) Cyber Ambassadors International Goodwill Projects (E-pals). d.) MH Video Production Team e.) Careers Projects	*examine real-world connections, explore complex systems and issues, and enhance understanding.* ● **Concept 1-3 "Trends & Possibilities"**- *Use technology to forecast trends and possibilities.* **Concept 3-2 "Processing"**- *Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ● ***Concept 2-1 "Effective Communication Digital Interactions"**- Communicate and collaborate with others employing a variety of digital environments and media.* ● ***Concept 2-2 "Digital Solutions"**- Contribute to project teams to produce original works or solve problems.* ● ***Concept 2-3 "Global Connections"**- Create cultural understanding and global awareness by interacting with learners of other cultures.* ● ***Concept 3-1 "Planning"**- Plan strategies to guide inquiry.* ● ***Concept 3-2 "Processing"**- Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ● **Concept 4-1 "Investigation"**- *Identify and define authentic problems and significant questions for investigations.* ● **Concept 4-2 "Exploring Solutions"**- *Plan and manage to develop solutions to answer a question or complete a project.* ● **Concept 5-1 "Safety & Ethics"**- *Advocate and practice safe, legal, and responsible use of information and technology.* ● **Concept 5-2 "Leadership for Digital Citizenship"**- *Demonstrate leadership for digital citizenship.* ● **Concept 5-3 "Impact of Technology"**- *Develop an understanding of cultural, historical, economic and political impact of technology on individuals and society* ● **Concept 6-1 "Understanding"**- *Recognize, define, and use technology processes, systems, and applications.* ● **Concept 6-2 "Applications"**- *Select and use applications effectively and productively.* ● **Concept 6-3 "Problem Solving"**- *Define problems and investigate solutions in systems and processes.* ● **Concept 6-4 "Transfer of Knowledge"**- *Transfer current knowledge to learning new technologies.*	▶ *2-1: Communicate and collaborate with others employing a variety of digital environments and media.* ▶ *2-2: Contribute to project teams to produce original works or solve problems.* ▶ *2-3: Create cultural understanding and global awareness by interacting with learners of other cultures.* ▶ *3-1: Plan strategies to guide inquiry.* ▶ *3-2: Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.* ▶ *4-1: Identify and define authentic problems and significant questions for investigations.* ▶ *4-2: Plan and manage to develop solutions to answer a question or complete a project.* ▶ *5-1: Advocate and practice safe, legal, and responsible use of information and technology.* ▶ *5-2: Demonstrate leadership for digital citizenship.* ▶ *5-3: Develop an understanding of cultural, historical, economic and political impact of technology on individuals and society.* ▶ *6-1: Recognize, define, and use technology processes, systems, and applications.* ▶ *6-2: Select and use applications effectively and productively.* ▶ *6-3: Select and use applications effectively and productively.* ▶ *6-4: Transfer current knowledge to learning new technologies.*	[Strand 3]. 4. Critical Thinking & Problem Solving & Decision Making [Strand 4]. 5. Digital Citizenship [Strand 5]. 6. Technology Operations & Concepts [Strand 6].

THERE IS NO QT. 3 & 4- THIS CLASS IS ONE SEMESTER LONG.

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Grade Level:	Subject:	Time: Quarter 3	Core Text:

Time	Topic	Content (Nouns)	Skills (Verbs)	Standards

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Grade Level:	Subject:	Time: Quarter 4	Core Text:

Time	Topic	Content (Nouns)	Skills (Verbs)	Standards