

Educational Technology Standard Articulated by Grade Level

Pre-K to 6th Grade

Educational Technology Standard Articulated by Grade Level

Strand 1: Creativity and Innovation

Educational Technology Standard Articulated by Grade Level

Educational Technology Standard Articulated by Grade Level

Strand 1: Creativity and Innovation

Concept 1: Knowledge and Ideas							
Use technology to generate knowledge and new ideas.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		PO 1. Evaluate information to generate ideas.	PO 1. Evaluate information to generate ideas.	PO 1. Evaluate information to generate ideas and processes.	PO 1. Evaluate information to generate ideas and processes.	PO 1. Analyze information to generate ideas and processes.	PO 1. Analyze information to generate new ideas and products.

Concept 2: Models and Simulations							
Use digital models and simulations to examine real-world connections, explore complex systems and issues, and enhance understanding.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		PO 1. Identify elements of a digital model or simulation.	PO 1. Identify elements of a digital model or simulation.	PO 1. Recognize and explain relevant interdependent elements of a digital model or simulation.	PO 1. Recognize and explain relevant interdependent elements of a digital model or simulation.	PO 1. Recognize and explain relevant interdependent elements of a digital model or simulation.	PO 1. Recognize and explain relevant interdependent elements of a digital model or simulation.
PO 1. Explore and identify models and simulations.	PO 1. Explore and identify models and simulations.	PO 2. Explore and identify models and simulations.	PO 2. Identify and describe how aspects of a situation change using models or simulations.	PO 2. Identify and describe how aspects of a situation change using models or simulations.	PO 2. Explore and experiment with system variables using models or simulations.	PO 2. Explore and experiment with system variables using models or simulations.	PO 2. Explore and experiment with system variables using models or simulations.
		PO 3. Identify a system.	PO 3. Describe how one system operates by comparing it to another system.	PO 3. Transfer understanding of how one system operates by comparing it to another system.	PO 3. Transfer understanding of how one system operates by comparing it to another system.	PO 3. Compare and contrast two systems using a digital model or simulation.	PO 3. Compare and contrast two systems using a digital model or simulation.

Educational Technology Standard Articulated by Grade Level

Educational Technology Standard Articulated by Grade Level

Strand 1: Creativity and Innovation

Concept 3: Trends and Possibilities							
Use technology to forecast trends and possibilities.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
	PO 1. Observe and extend patterns.	PO 1. Recognize and create patterns.	PO 1.Examine patterns to identify trends.	PO 1. Examine patterns and identify trends to generate questions.	PO 1. Identify patterns and trends to generate questions and draw conclusions.	PO 1. Identify patterns and trends to draw conclusions and forecast possibilities.	PO 1. Identify patterns and trends to draw conclusions and forecast possibilities.

Concept 4: Original Works							
Use technology to create original works in innovative ways.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Use digital creativity tools to develop ideas and create a project.	PO 1. Use digital creativity tools to develop ideas and create a project.	PO 1. Use digital creativity tools to develop ideas and create a project.	PO 1. Use digital creativity tools to create original works.	PO 1. Use digital creativity tools to create original works.	PO 1. Analyze information using digital creativity tools to create original works and express ideas.	PO 1. Analyze information using digital creativity tools to create original works and express ideas.	PO 1. Analyze information using digital creativity tools to create original works and express ideas
		PO 2. Use digital collaborative tools to develop collective ideas.	PO 2. Use digital collaborative tools to develop collective ideas.	PO 2. Use digital collaborative tools to analyze information to produce original works.	PO 2. Use digital collaborative tools to analyze information to produce original works and express ideas.	PO 2. Analyze information using digital collaborative tools to produce original works and express ideas.	PO 2. Use digital collaborative tools to analyze information to produce original works and express ideas.

Educational Technology Standard Articulated by Grade Level

Strand 2: Communication and Collaboration

Educational Technology Standard Articulated by Grade Level

Educational Technology Standard Articulated by Grade Level

Strand 2: Communication and Collaboration

Concept 1: Effective Communications and Digital Interactions							
Communicate and collaborate with others employing a variety of digital environments and media.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Identify different methods of communication.	PO 1. Communicate with others as a whole class using digital tools.	PO 1. Communicate with others as a whole class using digital tools.	PO 1. Communicate with others as a whole class or small group using digital tools.	PO 1. Communicate digitally with others by selecting and using a variety of appropriate communication tools.	PO 1. Communicate digitally with others by selecting and using a variety of appropriate communication tools.	PO 1. Communicate digitally with others by selecting and using a variety of appropriate communication tools.	PO 1. Communicate digitally with others by selecting and using a variety of appropriate communication tools.
		PO 2. Identify and demonstrate safe and appropriate behavior when using digital environments.	PO 2. Identify and demonstrate safe and appropriate behavior when using digital environments to communicate with others.	PO 2. Identify and demonstrate safe and appropriate behavior when using digital environments to communicate with others.	PO 2. Explain safety and etiquette guidelines of digital environments and demonstrate that knowledge while communicating with intended audiences.	PO 2. Explain and demonstrate the safety and etiquette of digital environments to communicate with intended audiences.	PO 2. Explain and demonstrate the safety and etiquette of digital environments to communicate and collaborate with intended audiences.

Concept 2: Digital Solutions							
Contribute to project teams to produce original works or solve problems.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Identify digital tools.	PO 1. Participate in a classroom learning project using digital collaborative resources.	PO 1. Participate in a classroom learning project using digital collaborative resources.	PO 1. Identify and apply cooperative group rules to effectively collaborate in a classroom digital learning project.	PO 1. Contribute to a cooperative learning project and demonstrate effective group behaviors while using digital collaborative resources.	PO 1. Contribute to a cooperative learning project and demonstrate effective group behaviors while using digital collaborative resources.	PO 1. Contribute to a cooperative learning project and demonstrate effective group behaviors while using digital collaborative resources.	PO 1. Communicate and collaborate for the purpose of producing original works or solving problems.

Educational Technology Standard Articulated by Grade Level
Educational Technology Standard Articulated by Grade Level
Strand 2: Communication and Collaboration

Concept 3: Global Connections

Create cultural understanding and global awareness by interacting with learners of other cultures.

Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Explore other cultures through digital resources.	PO 1. Explore other cultures through digital resources.	PO 1. Participate as a class in communication at a distance.	PO 1. Identify challenges and digital strategies as a class to effectively communicate with other cultures.	PO 1. Identify challenges and digital strategies as a class to effectively communicate with other cultures.	PO 1. Identify challenges and digital strategies as a class to effectively communicate with other cultures.	PO 1. Communicate with individuals from different cultures or geographic areas to explore a variety of perspectives.	PO 1. Participate in communication at a distance with others of different cultures or geographic areas to gain different perspectives of topics.

Educational Technology Standard Articulated by Grade Level

Strand 3: Research and Information Literacy

Educational Technology Standard Articulated by Grade Level
Educational Technology Standard Articulated by Grade Level
Strand 3: Research and Information Literacy

Concept 1: Planning

Plan strategies to guide inquiry using technology.

Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
	PO 1. Generate key words for a search from a teacher-posed question or topic.	PO 1. Generate key words and synonyms for a search.	PO 1. Generate key words and synonyms from a posed question for a search.	PO 1. Determine key words for use in information searches.	PO 1. Determine key words for use in information searches.	PO 1. Predict and use key words and phrases that narrow or broaden information searches.	PO 1. Predict and use key words and phrases that narrow or broaden information searches.
PO 1. Explore a variety of information sources.	PO 2. Explore a variety of information sources.	PO 2. Explore information and online sources.	PO 2. Differentiate types of information and online sources.	PO 2. Differentiate types of information and online sources.	PO 2. Predict which information sources will provide the desired data.	PO 2. Predict which information sources will provide the desired data.	PO 2. Predict which information sources will provide the desired data.

Educational Technology Standard Articulated by Grade Level

Educational Technology Standard Articulated by Grade Level Strand 3: Research and Information Literacy

Concept 2: Processing							
Locate, organize, analyze, evaluate, synthesize and ethically use information from a variety of sources and media.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
	PO 1. Conduct a search using multiple keywords.	PO 1. Conduct a search using multiple keywords.	PO 1. Conduct a search using keywords to narrow or broaden a search.	PO 1. Conduct a search using keywords to narrow or broaden a search.	PO 1. Use multiple search strategies to locate information.	PO 1. Locate and synthesize information to revise search strategies.	PO 1. Locate and synthesize information to revise search strategies.
PO 1. Use preselected sources.	PO 2. Use preselected sources.	PO 2. Use preselected sources.	PO 2. Use primary and secondary sources.	PO 2. Select and use primary and/or secondary sources.	PO 2. Select and use primary and/or secondary sources.	PO 2. Select and use authoritative primary and/or secondary sources.	PO 2. Use authoritative primary and/or secondary sources.
PO 2. Recognize things are real or make-believe.	PO 3. Demonstrate knowledge of real versus make-believe.	PO 3. Differentiate between a fact, untruth, and an opinion.	PO 3. Differentiate between a fact, untruth, and an opinion.	PO 3. Differentiate between facts and opinions and inaccurate information.	PO 3. Differentiate between fact and opinion, bias, and inaccurate information.	PO 3. Evaluate between fact and opinion, bias, inaccurate and misleading information by consulting more than one source.	PO 3. Evaluate information and media through determining facts, opinion, bias, and inaccuracies by consulting multiple sources.

Educational Technology Standard Articulated by Grade Level

Educational Technology Standard Articulated by Grade Level Strand 3: Research and Information Literacy

Concept 2: Processing							
Locate, organize, analyze, evaluate, synthesize and ethically use information from a variety of sources and media.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
	PO 4. Sort information into major topics.	PO 4. Sort information into major topics.	PO 4. Sort information into major topics and create a list of ideas.	PO 4. Organize information into major topics and create a list of ideas.	PO 4. Use appropriate digital tools to synthesize research information and to develop new ideas.	PO 4. Use appropriate digital tools to synthesize research information and develop new ideas.	PO 4. Use appropriate digital tools to synthesize research information to develop new ideas and/or create new understanding.
PO 3. Identify and follow rules regarding the use of information resources.	PO 5. Identify and follow rules regarding the use of information resources.	PO 5. Identify and follow ethical behaviors when using resources.	PO 5. Identify and follow legal and ethical behaviors during research and cite resources appropriately.	PO 5. Follow copyright laws when using text and media, obtain permission to use the work of others, and cite resources appropriately.	PO 5. Follow copyright laws when using text, images, videos and/or other sources and obtain permission to use the work of others, and cite resources appropriately.	PO 5. Follow copyright laws when using text, images, videos and/or other sources and obtain permission to use the work of others, and cite resources appropriately.	PO 5. Follow copyright laws when using text, images, videos and/or other sources and obtain permission to use the work of others and cite resources appropriately.

Educational Technology Standard Articulated by Grade Level

Strand 4: Critical Thinking, Problem Solving and Decision Making

Educational Technology Standard Articulated by Grade Level

Educational Technology Standard Articulated by Grade Level

Strand 4: Critical Thinking, Problem Solving, Decision Making

Concept 1: Investigation							
Identify and define authentic problems and significant questions for investigation.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Collaborate to explore an essential question for investigation.	PO 1. Collaborate as a class to select an essential question to research using digital resources.	PO 1. Collaborate as a class or small group to select an essential question to research using digital resources.	PO 1. Identify an authentic issue and collaborate as a class to define an essential question using digital tools and resources.	PO 1. Identify an authentic issue and collaborate as a class to define an essential question using digital tools and resources.	PO 1. Identify an authentic issue and collaborate as a class to define an essential question using digital tools and resources.	PO 1. Write essential questions to investigate a topic or issue using digital tools and resources.	PO 1. Write essential questions to investigate a topic or issue using digital tools and resources.

Concept 2: Exploring Solutions							
Plan and manage activities to develop solutions to answer a question or complete a project.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Participate in a learning project using digital planning tools.	PO 1. Participate in a group learning project using digital tools to answer a question.	PO 1. Participate as group to manage a learning project and identify sources.	PO 1. Participate as group to manage a learning project and identify sources.	PO 1. Manage a learning project using digital planning tools to develop solutions.	PO 1. Manage a learning project using digital planning tools to develop solutions.	PO 1. Plan and manage research using credible digital resources to develop solutions to answer a question.	PO 1. Plan and manage research using credible digital resources to develop solutions to answer a question.
PO 2. Discuss data collected on a predefined question to explore solutions or results.	PO 2. Explore solutions or results as a class by discussing data collected.	PO 2. Propose solutions by discussing data collected to answer a question.	PO 2. Propose solutions by discussing data collected to answer a question.	PO 2. Generate alternative solutions using collected resources and data.	PO 2. Generate alternative solutions using collected resources and data.	PO 2. Generate solutions from different perspectives using collected resources and data.	PO 2. Generate solutions from different perspectives using collected resources and data.

Educational Technology Standard Articulated by Grade Level

Strand 5: Digital Citizenship

Educational Technology Standard Articulated by Grade Level
Educational Technology Standard Articulated by Grade Level
Strand 5: Digital Citizenship

Concept 1: Safety and Ethics							
Advocate and practice safe, legal, and responsible use of information and technology.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Identify use of personal devices and when it is appropriate to use them.	PO 1. Identify use of personal devices and when it is appropriate to use them.	PO 1. Recognize and discuss when it is appropriate to use a personal digital device.	PO 1. Recognize and discuss when it is appropriate to use a personal digital device.	PO 1. Explain when and why it is appropriate to use a personal digital device.	PO 1. Explain when and why it is appropriate to use a personal digital device.	PO 1. Explain the consequences of inappropriate use of a personal digital device.	PO 1. Assess situations in which it is appropriate and safe to use a personal digital device in the home, school, and community.
		PO 2. Define cyber-bullying.	PO 2. Identify cyber-bullying and discuss the effects of bullying on an individual.	PO 2. Describe cyber-bullying and describe strategies to deal with such a situation.	PO 2. Describe cyber-bullying and describe strategies to deal with such a situation.	PO 2. Describe cyber-bullying and describe strategies to deal with such a situation.	PO 2. Describe cyber-bullying and describe strategies to deal with such a situation.
PO 2. Identify and articulate rules for the use of digital tools.	PO 2. Identify and articulate rules for the use of digital tools as defined by school board policy and procedures.	PO 3. Identify and articulate rules for the use of digital tools as defined by school board policy and procedures.	PO 3. Identify and articulate rules for the use of digital tools as defined by school board policy and procedures.	PO 3. Identify and articulate rules for the use of digital tools as defined by school board policy and procedures.	PO 3. Identify and articulate rules for the use of digital tools as defined by school board policy and procedures.	PO 3. Identify and articulate rules for the use of digital tools as defined by school board policy and procedures.	PO 3. Identify and articulate rules for the use of digital tools as defined by school board policy and procedures.
	PO 3. Discuss why it may be dangerous to visit certain Internet sites.	PO 4. Discuss why it may be dangerous to visit certain Internet sites.	PO 4. Identify and discuss ways to stay safe on the Internet.	PO 4. Identify and discuss why it is important not to provide personal information in online communication.	PO 4. Recognize and describe the potential risks and dangers associated with various forms of online communications.	PO 4. Recognize and describe the potential risks and dangers associated with various forms of online communications.	PO 4. Identify and articulate strategies to protect personal information.

Educational Technology Standard Articulated by Grade Level
Educational Technology Standard Articulated by Grade Level
Strand 5: Digital Citizenship

Concept 1: Safety and Ethics							
Advocate and practice safe, legal, and responsible use of information and technology.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
					PO 5. Recognize and describe the advantages and risks of making a personal spending choice online.	PO 5. Recognize and describe the potential advantages and risks of making an online purchase.	PO 5. Evaluate various websites to choose the best option for making an Internet purchase for a particular product.
PO 3. Recognize and discuss why there are rules for using technology at home and at school.	PO 4. Recognize and discuss why there are rules for using technology at home and at school.	PO 5. Recognize, discuss, and demonstrate appropriate behavior for technology use and show respect for technology equipment.	PO 5. Discuss and demonstrate appropriate behavior for technology use and show respect for technology equipment.	PO 5. Explain the importance of respecting the privacy of others' information and digital workspace.	PO 6. Articulate how to respect the privacy of others' information and digital workspace.	PO 6. Exhibit legal and ethical behavior when using technology and discuss the consequences of misuse.	PO 6. Exhibit legal and ethical behavior when using technology and discuss consequences of misuse.

Educational Technology Standard Articulated by Grade Level
Educational Technology Standard Articulated by Grade Level
Strand 5: Digital Citizenship

Concept 2: Leadership for Digital Citizenship Demonstrate leadership for digital citizenship.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
						PO 1. Exhibit digital citizenship by consistently leading by example and advocating social and civic responsibility to others.	PO 1. Promote digital citizenship by consistently leading by example and advocating social and civic responsibility to others.

Educational Technology Standard Articulated by Grade Level
Educational Technology Standard Articulated by Grade Level
Strand 5: Digital Citizenship

Concept 3: Impact of Technology							
Develop an understanding of the cultural, historical, economic and political impact of technology on individuals and society.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Recognize and discuss examples of technology used in daily life.	PO 1. Recognize and discuss examples of technology used in daily life.	PO 1. Recognize and discuss how students and families use technology to make their lives better.	PO 1. Recognize, discuss, and explain different types of technologies used in current and past cultures.	PO 1. Compare how past and present cultures used technology to improve their lives.	PO 1. Provide examples of technologies that might be used to solve a specific economic, environmental, health, political, scientific, or social problem.	PO 1. Explain the impact of technology on individuals and society from a historical, economic, environmental and political perspective.	PO 1. Research a current technology and describe its potential use to solve an economic, environmental, health, political, scientific, or social problem.

Educational Technology Standard Articulated by Grade Level

Strand 6: Technology Operations and Concepts

Educational Technology Standard Articulated by Grade Level

Educational Technology Standard Articulated by Grade Level

Strand 6: Technology Operations and Concepts

Concept 1: Understanding							
Recognize, define and use technology term, processes, systems and applications.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Identify basic technology terms.	PO 1. Identify basic technology terms.	PO 1. Define basic technology terms.	PO 1. Classify basic technology terms.	PO 1. Define and label various technical system terms.	PO 1. Describe the various technical system terms.	PO 1. Describe the various technical system terms.	PO 1. Define and correctly use terms related to networks.
PO 2. Identify technology process terminology.	PO 2. Identify technology process terminology.	PO 2. Identify and define technology process terminology.	PO 2. Apply knowledge of technology process terminology.	PO 2. Define and apply knowledge of various technical process terms.	PO 2. Define and apply knowledge of various technical process terms.	PO 2. Define and apply knowledge of various technical process terms.	PO 2. Define and apply knowledge of various technical process terms.
PO 3. Identify technology applications for a given activity or project.	PO 3. Identify technology application for a given activity/project.	PO 3. Identify technology applications for a given activity/project.	PO 3. Identify and choose technology applications for a given activity/project.	PO 3. Choose technology applications for a given activity/project.	PO 3. Choose technology applications for a given activity/project.	PO 3. Choose technology applications for a given activity/project.	PO 3. Choose technology applications appropriate for the audience and task.
PO 4. Demonstrate knowledge of electrical safety when using computers and other technology.	PO 4. Demonstrate knowledge of electrical safety when using computers and other technology.	PO 4. Demonstrate knowledge of ergonomics and electrical safety when using computers.	PO 4. Demonstrate knowledge of ergonomics and electrical safety when using computers.	PO 4. Demonstrate knowledge of ergonomics and electrical safety when using computers.	PO 4. Demonstrate knowledge of ergonomics and electrical safety when using computers.	PO 4. Recognize and demonstrate ergonomically safe and sound use of equipment.	PO 4. Recognize and demonstrate ergonomically safe and sound use of equipment.
				PO 5. Identify physical risks of using digital technology.	PO 5. Identify physical risks of using digital technology.	PO 5. Identify physical risks of using digital technology.	PO 5. Identify physical risks of using digital technology.

Educational Technology Standard Articulated by Grade Level
Educational Technology Standard Articulated by Grade Level
Strand 6: Technology Operations and Concepts

Concept 2: Application							
Select and use applications effectively and productively.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Use the mouse/track pad to perform computer functions such as accessing an application, indicating a choice or activating a link. Use the keyboard to type letters and numbers and know how to use special key functions.	PO 1. Use the mouse/track pad to perform computer functions such as accessing an application, indicating a choice or activating a link. Use the keyboard to type letters and numbers and know how to use special key functions.	PO 1. Understand keyboarding techniques when using the keyboard to type letters, numbers and special key functions.	PO 1. Understand keyboarding techniques when using the keyboard to type letters, numbers and special key functions.	PO 1. Demonstrate speed and accuracy in use of keyboard and data entry tools with at least 5 wpm and 80% accuracy.	PO 1. Demonstrate speed and accuracy in use of keyboard and data entry tools with at least 10 wpm and 80% accuracy.	PO 1. Demonstrate speed and accuracy in use of keyboard and data entry tools with at least 15 wpm and 80% accuracy.	PO 1. Demonstrate speed and accuracy in use of keyboard and data entry tools with at least 20 wpm and 80% accuracy.
PO 2. Use technology to identify letters and numbers and differentiate between them.	PO 2. Use technology to identify letters and numbers and differentiate between them.	PO 2. Compose a document that applies basic formatting.	PO 2. Compose a document that applies basic formatting.	PO 2. Compose a document that applies intermediate formatting.	PO 2. Compose a document that applies intermediate formatting.	PO 2. Compose a document that applies intermediate formatting.	PO 2. Compose a document that applies intermediate formatting.
			PO 3. Identify and explain terms and concepts related to spreadsheets while using program to complete a given task.	PO 3. Use spreadsheets to organize and sort data.	PO 3. Use a spreadsheet to record, organize, and graph information.	PO 3. Apply spreadsheet formatting skills.	PO 3. Produce simple charts and graphs from data in a spreadsheet.
			PO 4. Explain that computers can store and organize information so that it can be searched.	PO 4. Define the term “database” and provide examples from everyday life.	PO 4. Perform simple searches of existing databases.	PO 4. Perform searches of existing databases.	PO 4. Perform simple operations in a database.

Educational Technology Standard Articulated by Grade Level
Educational Technology Standard Articulated by Grade Level
Strand 6: Technology Operations and Concepts

Concept 2: Application							
Select and use applications effectively and productively.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
	PO 3. Use an interactive presentation system as part of classroom work.	PO 3. Use multimedia presentation programs to create simple class assignments.	PO 5. Create and edit multimedia presentation using painting/drawing applications.	PO 5. Plan, create, and edit multimedia presentation.	PO 5. Create multimedia presentations with multiple pages, audio, and transitions for individual assignments.	PO 5. Create multimedia presentations with multiple pages, audio, and transitions for individual assignments.	PO 5. Create multimedia presentations with multiple pages, audio, images, and transitions for individual assignments.
PO 3. Identify and use common navigational elements of a web page.	PO 4. Identify and use common navigational elements of a web page.	PO 4. Identify and use common navigational elements of a web page.	PO 6. Identify components and modules on a web page.	PO 6. Identify components and modules on a web page.	PO 6. Download, store, and accurately cite web resources.	PO 6. Use interactive web content to access, read, send, and receive information.	PO 6. Create a simple web page incorporating text, links, and graphics.
	PO 5. Demonstrate appropriate use of log-in procedures.	PO 5. Demonstrate appropriate use of log-in procedures.	PO 7. Demonstrate appropriate use of log-in procedures and network printing.	PO 7. Demonstrate appropriate use of log-in procedures and network printing.	PO 7. Explain the uses of and the means by which computers are networked.	PO 7. Use network storage drives to access information from a directory.	PO 7. Use network storage drives to access and share information from a directory.

Educational Technology Standard Articulated by Grade Level
Educational Technology Standard Articulated by Grade Level
Strand 6: Technology Operations and Concepts

Concept 3: Troubleshoot Systems and Processes							
Define problems and investigates solutions in systems and processes.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Understand that there are different types of problems with technology.	PO 1. Devise a class plan on how to solve different types of technology problems.	PO 1. Understand that there are different types of problems with technology and identify the type of problem and the steps needed to solve.	PO 1. Identify and apply successful troubleshooting strategies for minor hardware and software issues/problems.	PO 1. Identify and apply successful troubleshooting strategies for minor hardware and software issues/problems.	PO 1. Use the help function within software and hardware to troubleshoot issues and problems.	PO 1. Use the help function within software and hardware to troubleshoot issues and problems.	PO 1. Use the help function within software and hardware to troubleshoot issues and problems.

Concept 4: Transfer of Knowledge							
Transfer current knowledge to learning of new technologies.							
Pre-K	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
PO 1. Demonstrate knowledge of technology used at home.	PO 1. Transfer knowledge of technology used at home to technology that will be used at school.	PO 1. Transfer understanding of current symbols and icons to learning new technologies.	PO 1. Transfer understanding of current symbols and icons to learning new technologies.	PO 1. Transfer understanding of current input/output devices and symbols and icons to learning new technologies.	PO 1. Transfer understanding of current input/output devices and symbols and icons to learning new technologies.	PO 1. Transfer understanding of current input/output devices, symbols and icons, and applications to learning new technologies.	PO 1. Transfer understanding of current input/output devices, symbols and icons, and applications to learning new technologies.