Pre-K to 6th Grade

Strand 1: Creativity and Innovation

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	PO 1. Evaluate	PO 1. Evaluate	PO 1. Evaluate	PO 1. Analyze	PO 1. Analyze
		information to	information to	information to	information to	information to	information to
		generate ideas.	generate ideas.	generate ideas and	generate ideas and	generate ideas and	generate new
				processes.	processes.	processes.	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	PO 1. Identify	PO 1. Recognize	PO 1. Recognize	PO 1. Recognize	PO 1. Recognize
		elements of a	elements of a	and explain	and explain	and explain	and explain
		digital model or	digital model or	relevant	relevant	relevant	relevant
		simulation.	simulation.	interdependent	interdependent	interdependent	interdependent
				elements of a	elements of a	elements of a	elements of a
				digital model or	digital model or	digital model or	digital model or
				simulation.	simulation.	simulation.	simulation.
PO 1. Explore and	PO 1. Explore and	PO 2. Explore and	PO 2. Identify and	PO 2. Identify and	PO 2. Explore and	PO 2. Explore and	PO 2. Explore and
identify models	identify models	identify models	describe how	describe how	experiment with	experiment with	experiment with
and simulations.	and simulations.	and simulations.	aspects of a	aspects of a	system variables	system variables	system variables
			situation change	situation change	using models or	using models or	using models or
			using models or	using models or	simulations.	simulations.	simulations.
			simulations.	simulations.			
		PO 3. Identify a	PO 3. Describe	PO 3. Transfer	PO 3. Transfer	PO 3. Compare	PO 3. Compare
		system.	how one system	understanding of	understanding of	and contrast two	and contrast two
			operates by	how one system	how one system	systems using a	systems using a
			comparing it to	operates by	operates by	digital model or	digital model or
			another system.	comparing it to	comparing it to	simulation.	simulation.
				another system.	another system.		

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 PO 1. Recognize PO 1.Examine PO 1. Examine PO 1. Identify PO 1. Identify PO 1. Identify and extend and create patterns to patterns and patterns and patterns and patterns and identify trends. identify trends to trends to generate trends to draw trends to draw patterns. patterns. conclusions and conclusions and generate questions and

questions.

draw conclusions.

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 PO 1. Analyze PO 1. Analyze PO 1. Analyze creativity tools to information using information using information using develop ideas and develop ideas and develop ideas and create original create original digital creativity digital creativity digital creativity create a project. create a project. create a project. works. works. tools to create tools to create tools to create original works original works original works and express ideas. and express ideas. and express ideas PO 2. Use digital PO 2. Use digital PO 2. Use digital PO 2. Use digital PO 2. Analyze PO 2. Use digital collaborative tools collaborative tools collaborative tools collaborative tools collaborative tools information using to develop to develop to analyze to analyze digital to analyze information to information to information to collective ideas. collective ideas. collaborative tools produce original produce original to produce produce original original works works and express works. works and express ideas. and express ideas. ideas.

forecast

possibilities.

Strand 2: Communication and Collaboration

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

	Commu	Concept 1: E		nications and Dig		and madia	
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	PO 1. Communicate with others as a whole class using digital	PO 1. Communicate with others as a whole class or small	PO 1. Communicate digitally with others by selecting	PO 1. Communicate digitally with others by selecting and	PO 1. Communicate digitally with others by selecting	PO 1. Communicate digitally with others by selecting
communication.	using digital tools.	tools.	group using digital tools.	and using a variety of appropriate communication tools.	using a variety of appropriate communication tools.	and using a variety of appropriate communication tools.	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 Soluti	ons							
	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	PO 1. Participate	PO 1. Participate	PO 1. Identify and	PO 1. Contribute	PO 1. Contribute to	PO 1. Contribute	PO 1. Communicate					
digital tools.	in a classroom	in a classroom	apply cooperative	to a cooperative	a cooperative	to a cooperative	and collaborate for					
	learning project	learning project	group rules to	learning project	learning project	learning project	the purpose of					
	using digital	using digital	effectively	and demonstrate	and demonstrate	and demonstrate	producing original					
	collaborative	collaborative	collaborate in a	effective group	effective group	effective group	works or solving					
	resources.	resources.	classroom digital	behaviors while	behaviors while	behaviors while	problems.					
			learning project.	using digital	using digital	using digital						
				collaborative	collaborative	collaborative						
				resources.	resources.	resources.						

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

			Concept 3: Glob	al 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											
PO 1. Explore other	PO 1. Explore	PO 1. Participate	PO 1. Identify	PO 1. Identify	PO 1. Identify	PO 1.	PO 1. Participate				
cultures through	other cultures	as a class in	challenges and	challenges and	challenges and	Communicate with	in communication				
digital resources.	through digital	communication at	digital strategies	digital strategies	digital strategies	individuals from	at a distance with				
	resources.	a distance.	as a class to	as a class to	as a class to	different cultures	others of different				
			effectively	effectively	effectively	or geographic areas	cultures or				
			communicate	communicate	communicate	to explore a variety	geographic areas				
			with other	with other	with other	of perspectives.	to gain different				
			cultures.	cultures.	cultures.		perspectives of				
							topics.				

Strand 3: Research and Information Literacy

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 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.

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

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. Identity 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.

Strand 4: Critical Thinking, Problem Solving and Decision Making

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	PO 1. Collaborate	PO 1. Collaborate	PO 1. Identify an	PO 1. Identify an	PO 1. Identify an	PO 1. Write	PO 1. Write
to explore an	as a class to select	as a class or small	authentic issue	authentic issue	authentic issue	essential	essential
essential question	an essential	group to select an	and collaborate as	and collaborate as	and collaborate as	questions to	questions to
for investigation.	question to	essential	a class to define	a class to define	a class to define	investigate a topic	investigate a topic
	research using	question to	an essential	an essential	an essential	or issue using	or issue using
	digital resources.	research using	question using	question using	question using	digital tools and	digital tools and
		digital resources.	digital tools and	digital tools and	digital tools and	resources.	resources.
			resources.	resources.	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	PO 1.	PO 1. Participate	PO 1. Participate	PO 1. Manage a	PO 1. Manage a	PO 1. Plan and	PO 1. Plan and
in a learning	Participate in a	as group to	as group to	learning project	learning project	manage research	manage research
project using	group learning	manage a	manage a learning	using digital	using digital	using credible	using credible
digital planning	project using	learning project	project and	planning tools to	planning tools to	digital resources to	digital resources to
tools.	digital tools to	and identify	identify sources.	develop solutions.	develop solutions.	develop solutions	develop solutions
	answer a	sources.				to answer a	to answer a
	question.					question.	question.
PO 2. Discuss	PO 2. Explore	PO 2. Propose	PO 2. Propose	PO 2. Generate	PO 2. Generate	PO 2. Generate	PO 2. Generate
data collected on	solutions or	solutions by	solutions by	alternative	alternative	solutions from	solutions from
a predefined	results as a	discussing data	discussing data	solutions using	solutions using	different	different
question to	class by	collected to	collected to	collected	collected resources	perspectives using	perspectives using
explore solutions	discussing data	answer a	answer a question.	resources and	and data.	collected resources	collected resources
or results.	collected.	question.		data.		and data.	and data.

Strand 5: Digital Citizenship

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.

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

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

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	PO 1. Promote digital citizenshiby consistently leading by example and advocating social and civic		
						responsibility to others.	responsibility others.		

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

Strand 6: Technology Operations and Concepts

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.

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

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	PO 1. Devise a	PO 1. Understand	PO 1. Identify and	PO 1. Identify and	PO 1. Use the	PO 1. Use the	PO 1. Use the		
that there are	class plan on how	that there are	apply successful	apply successful	help function	help function	help function		
different types of	to solve different	different types of	troubleshooting	troubleshooting	within software	within software	within software		
problems with	types of	problems with	strategies for	strategies for	and hardware to	and hardware to	and hardware to		
technology.	technology	technology and	minor hardware	minor hardware	troubleshoot	troubleshoot	troubleshoot		
	problems.	identify the type	and software	and software	issues and	issues and	issues and		
		of problem and	issues/problems.	issues/problems.	problems.	problems.	problems.		
		the steps needed		1	•				
		to solve.							

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.	PO 1. Transfer	PO 1. Transfer	PO 1. Transfer	PO 1. Transfer	PO 1. Transfer	PO 1. Transfer	PO 1. Transfer		
Demonstrate	knowledge of	understanding of	understanding of	understanding of	understanding of	understanding of	understanding of		
knowledge of	technology used	current symbols	current symbols	current	current	current	current		
technology used	at home to	and icons to	and icons to	input/output	input/output	input/output	input/output		
at home.	technology that	learning new	learning new	devices and	devices and	devices, symbols	devices, symbols		
	will be used at	technologies.	technologies.	symbols and icons	symbols and icons	and icons, and	and icons, and		
	school.			to learning new	to learning new	applications to	applications to		
				technologies.	technologies.	learning new	learning new		
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