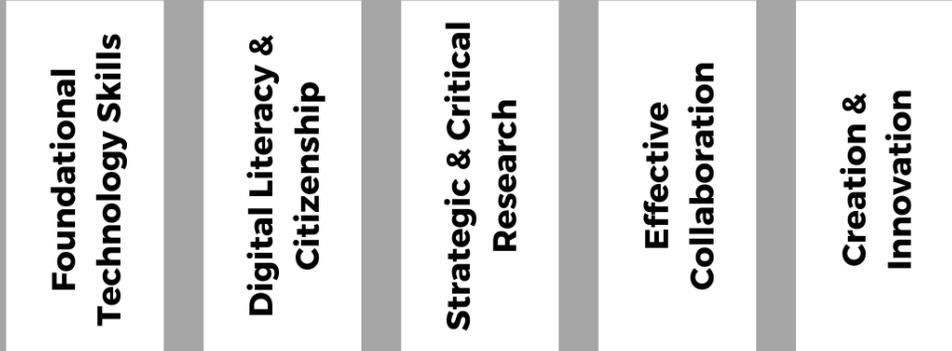




Future Ready Framework

Pre-K to 5th

Successful Future Ready Students



ISTE Standards for Students

Cobb Teaching & Learning Standards, Instruction, and Assessment

Cobb Future Ready Skills Scope and Sequence

This framework is designed to support the meaningful integration of technology in classrooms from pre-kindergarten to twelfth grade. The scope and sequence outlines the progression of skills necessary to prepare and empower Cobb students for college and career readiness. Scaffolded in nature, the grade-level technology standards gradually progress in technical complexity.



	<h2 style="text-align: center;">Skills List</h2> <p>I = Introduce. Teachers model the skill; students will practice. D = Developing. Students continue to practice the skill. M = Mastery. Students perform the skill unassisted and demonstrate content learning.</p>	P-K	K	1	2	3	4	5
		Foundational Technology Skills Demonstrate the ability to: <ul style="list-style-type: none"> • Turn a computer/ device on and off. • Hold the tablet/device appropriately. • Log in to device and log out of device. • Identify and use major hardware components: computer, keyboard, mouse, monitor, touchscreen, trackpad. 	I	I	D	M	M	M
Exercise safe and respectful use of electronic equipment.	I	I	D	M	M	M	M	
Use pointing device (mouse) or touchscreen to manipulate shapes, icons; click on URLs/links, radio buttons, check boxes, menu or scroll bar.	I	I	D	M	M	M	M	
Use desktop icons, windows, and menus to open applications and documents.	I	I	D	M	M	M	M	
Open and close apps on a device.	I	I	D	M	M	M	M	
Minimize and maximize windows.		I	D	M	M	M	M	
Open a new tab in a browser and toggle between more than one webpage.				I	D	D	M	
Recognize “pop-up” windows and how to close them.						I	D	
Print a document.				I	D	D	M	
Use spell and grammar check tools.					I	D	M	
Use menu or tool bar functions to format and edit a document (e.g. font, size, style, line spacing, margins).		I	I	D	M	M	M	
Highlight, copy, and paste text.			I	D	M	M	M	
Proofread and edit using resources (spell-checker, grammar, dictionary, thesaurus).				I	D	M	M	

	<p>Keyboarding:</p> <ul style="list-style-type: none"> • Use proper posture and ergonomics. • Locate and use letter and number keys with left- and right-hand placement. • Gain proficiency and speed in touch typing. 		I	D	D	M	M	M
	File Management – save, retrieve, and delete documents using standard file/folder structure in web-based program such as Microsoft 365.			I	D	M	M	M
	Identify terms related to spreadsheets (e.g. cell, column, row, values, chart, graph).			I	D	M	M	M
	Identify file extensions such as .doc, .pdf, .jpg, etc.					I	D	D
	Use online help and in-program guides to fix common tech problems with issues such as login errors, sound, wi-fi connectivity, keyboard/mouse, printing, camera, and URL navigation.					I	D	M

Creation & Innovation	Use text or drawing tools to create simple documents to demonstrate understanding.	I	I	D	M	M	M	M
	Insert graphics from sources adhering to acceptable use policy.				I	D	M	M
	Select an application based on appropriateness to the task.			I	D	M	M	M
	Integrate various media (text, audio, images, tables, graphs, animations, hyperlinks, video, voiceover, design ideas, morph, etc.) in a multimedia presentation with applications such as PowerPoint, Video Editor, and Adobe Spark.		I	I	I	D	D	D
	Create products using a variety of digital resources.	I	I	D	D	M	M	M
	Use paint, draw, and other annotation tools to manipulate objects and graphics.	I	I	D	D	M	M	M
	Publish and share information and ideas using a variety of media.	I	I	D	D	M	M	M
	Create products using coding.	I	I	D	D	D	D	D
Strategic and Critical Research	Navigate internet with a browser, use teacher-curated sites, bookmarks, favorites, and view web clips.			I	D	M	M	M
	Select and utilize appropriate electronic reference materials, such as online databases to gather information.			I	D	D	D	D
	Evaluate digital resources for accuracy, authority, reliability, currency, usefulness, timeliness, and relevance.			I	I	D	D	D
	Use graphs, charts, graphic organizers, and/or spreadsheets to collect information, represent ideas, record, and organize information.		I	I	D	M	M	M
	Use technology tools to plan, gather, organize, and evaluate information.				I	D	D	D
	Use interactive technology environments, such as virtual field trips or online interactive lessons, to extend learning.		I	I	I	D	D	D
	Identify and describe the purpose of different host domains such as .com, .edu, .gov.					I	I	D

Digital Literacy and Citizenship	Follow classroom, school, and county’s Acceptable Use Policy regarding responsible use of computers and networks.		I	D	D	M	M	M
	Follow Fair Use Guidelines for the use of copyrighted material (text, images, music, videos) and be able to cite sources.		I	I	D	M	M	M
	Identify and explain the strategies for the safe and efficient use of computers (e.g. passwords, virus protection software, spam filters, popup blockers).					I	D	D
	Demonstrate safe email practices, recognition of the potentially public exposure of email and appropriate email etiquette.				I	D	D	D
	Use appropriate academic language in digital communication.				I	D	D	D
	Identify cyberbullying and discuss effective response strategies.			I	D	D	D	D
	Demonstrate respect for the rights and privacy of others when using device and technology.		I	I	D	D	M	M
	Describe the advantages and disadvantages of social media.					I	D	D
	Recognize and describe the potential risks and dangers associated with various forms of online communications.			I	I	D	D	D
	Understand how technology is changing society and career options in areas such as communications, transportation, computer science, and the economy.		I	I	D	D	D	D
Effective Collaboration	Recognize and demonstrate how to share digital files and information.		I	I	D	D	D	D
	Use communication tools to participate in a discussion: <ul style="list-style-type: none"> • Reactions (emojis, hand raising, thumbs up, etc.) • Recognizing peer interactions on a shared document or presentation • Utilizing comments in a shared document or presentation • Inserting and activating comments • Replying to a post • Active participation in discussion 			I	D	D	M	M