Bibb County School District
Technology Scope and Sequence
4th Grade

Course of Study Standard #	Students will	K	1	2	3	4	5	6	7	8	9	10	11	12
	Technology Operations and Concepts													
1	**Use accurate terminology related to technology.**													
	Use appropriate terminology related to technology.	K	1	2	3	4	5	6	7	8	9	10	11	12
9	**Demonstrate correct keyboarding techniques.**													
	Demonstrate proper posture, hand placement, and finger placement to use a technology device.				3	4								
	Use proper posture and hand position on the keyboard.				3	4								
	Know where the alphabet and number keys are located.				3	4								
	Use the right and left click on a mouse.				3	4								
	Use special keys such as enter, backspace, tab, etc.				3	4								
	Use a touch pad on a laptop.					4								
	Demonstrate correct keyboarding techniques when word processing.					4	5							
11	**Understand appropriate use and care of storage media.**													
	Understand how to insert/connect and remove storage media safely such as digital cameras, flash drives, etc.		1	2	3	4								
12	**Demonstrate appropriate use and care of storage media (CDs, flash drives, external hard drives, digital cameras, etc.)**													
	Demonstrate safe removal of various storage media.				3	4	5							
17	**Identify various operating systems of technology devices**													
	Identify which operating system a computer/device is running.					4								
19	**Use various technology applications, including word processing and multimedia software.**													
	Select the appropriate icons to select the desired application program and use the appropriate features from the toolbar and/or drop-down menu			2	3	4	5							
	Learn basic skills for using local, network, and/or online multimedia software			2	3	4	5							
	Use various technology applications such as word processing and multimedia software.					4								
34	**Determine basic troubleshooting strategies to correct hardware and software problems.**													
	Determine the necessary strategies to correct basic hardware problems.					4								
	Determine the necessary strategies to correct basic software problems.					4								

40	**Define and understand the effects of computer/electronic device contaminants such as "viruses", "malware", "adware", "crimeware", and "spyware."**													
	Identify whether the pop-up blocker is on or off.					**4**								
	Define computer virus and other contaminants.					**4**								
	List common ways computers get viruses and other contaminants.					**4**								
	Digital Citizenship													
41	**Identify safe and responsible ways to use technology systems, the Internet including but not limited to social/professional networking, communication tools, and applications.**													
	Recognize dangers of online predators.					**4**	**5**	**6**						
	Understand and explain how to avoid and report online predators.					**4**	**5**	**6**						
	Understand the meaning of cyber-bullying, the consequences, and ways to avoid it.					**4**	**5**	**6**						
	Identify safe and responsible practices of social networking and electronic communication.					**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
	Understand the meaning of legal versus ethical, as it pertains to digital content and use of technologies.					**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
42	**Practice responsible, ethical, and legal use of technology systems, the Internet, communication tools, and applications.**													
	Keep passwords private.					**4**	**5**	**6**	**7**	**8**	**9**			
	Recognize/avoid cyber-bullying tactics.					**4**	**5**	**6**	**7**	**8**	**9**			
43	**Follow local acceptable use policies regarding technology.**													
	Follow local acceptable use policies regarding technology.	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
44	**Distinguish between ethical and unethical uses of others' work (do not copy or manipulate other people's work).**													
	Determine if content is plagiarized.			**2**	**3**	**4**								
	Understand possible consequences of plagiarism.			**2**	**3**	**4**								
	Explain the importance of citing text and digital content.			**2**	**3**	**4**								
50	**Describe the global nature of the Internet.**													
	Understand that the Internet is a world-wide community.					**4**								
	Research and Information Fluency													
57	**Use digital tools and strategies to locate, collect, organize, visualize, interpret, evaluate, synthesize and/or present or display information or ideas.**													
	Retrieve information from digital sources.		**1**	**2**	**3**	**4**								
	Use a variety of digital sources when collecting information such as online libraries, multimedia dictionaries, web searches, etc.		**1**	**2**	**3**	**4**								
	Organize information using concept mapping software.			**2**	**3**	**4**								
	Use technology tools such as file management, flash drives, and home drives to collect and organize information.					**4**								
	Use technology tools such as graphic organizers and Kidspiration to collect and organize information.					**4**								
59	**Evaluate electronic resources for reliability based on publication date, bias, accuracy, and sources credibility.**													

	Evaluate electronic resources for reliability based on a publication date.					**4**	**5**	**6**	**7**	**8**				
	Evaluate electronic resources based on bias.					**4**	**5**	**6**	**7**	**8**				
	Evaluate electronic resources based on accuracy.					**4**	**5**	**6**	**7**	**8**				
	Evaluate electronic resources based on the sources credibility.					**4**	**5**	**6**	**7**	**8**				
	Communication and Collaboration													
62	**Use digital environments to collaborate and communicate.**													
	Participate in a digital environment to collaborate and communicate globally.					**4**	**5**							
64	**Produce digital work collaboratively.**													
	Produce digital work collaboratively such as shared writing projects, group multimedia projects, etc .					**4**								
	Critical Thinking, Problem Solving, and Decision Making													
70	**Use digital tools to analyze authentic problems.**													
	Use digital tools such as electronic graphing tools and concept mapping software to analyze authentic problems.					**4**								
	Creativity and Innovation													
75	**Create a product using digital tools.**													
	Use a product using digital tools such as digital stories, podcast, digital artwork, etc.					**4**								