



**Alignment of the free CyberSmart! Student Curriculum
to North Carolina Essential Standards for Information and Technology Draft 3.0**

Kindergarten

Essential Standard		Clarifying Objectives		free CyberSmart! Student Curriculum
Sources of Information				
K.SI.1	Classify useful sources of information.	K.SI.1.1.	Identify sources of information (e.g., print, non-print, electronic, people).	K-1: The Library K-1: Go Places Safely
		K.SI.1.2	Identify the relevant sources of information for a given task.	K-1: The Library
Informational Text				
K.IN.1	Understand the difference between text read for enjoyment and text read for information.	K.IN.1.1	Understand the meaning of fiction and nonfiction.	(Not addressed)
		K.IN.1.2	Identify resources with appropriate factual information.	K-1: A-B-C Searching
Technology as a Tool				
K.TT.1	Use technology tools and skills to reinforce classroom concepts and activities.	K.TT.1.1	Use a variety of technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.).	K-1: A-B-C Searching
		K.TT.1.2	Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.).	(Not addressed)
		K.TT.1.3	Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.).	K-1: Spread the News!
Research Process				
K.RP.1	Understand the importance of good questions in conducting research.	K.RP.1.1	Identify questions that are relevant for a given topic or purpose.	K-1: The Library (Teach 2)



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Safety and Ethical Issues				
K.SE.1	Remember safety and ethical issues related to the responsible use of information and technology resources.	K.SE.1.1	Identify examples of responsible use and care of technology hardware and software.	K-1: Is This Yours?
		K.SE.1.2	Remember internet safety rules.	K-1: Go Places Safely
		K.SE.1.3	Recognize the importance of respect for the work of others.	K-1: Is This Yours?



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Grade 1

Essential Standard		Clarifying Objectives		free CyberSmart! Student Curriculum
Sources of Information				
1.SI.1	Recall useful sources of information.	1.SI.1.1	Identify various resources for information (e. g., print, audio- visual, electronic, people).	K-1: The Library
		1.SI.1.2	Classify resources as relevant for a given purpose and/or topic.	K-1: The Library
Informational Text				
1.IN.1	Understand the difference between text read for enjoyment and text read for information.	1.IN.1.1	Classify text as nonfiction or fiction.	(Not addressed)
		1.IN.1.2	Compare important facts and minor details.	(Not addressed)
Technology as a Tool				
1.TT.1	Use technology tools and skills to reinforce classroom concepts and activities.	1.TT.1.1	Use a variety of technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.).	K-1: A-B-C Searching
		1.TT.1.2	Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.).	(Not addressed)
		1.TT.1.3	Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.).	(Not addressed)
Research Process				
1.RP.1	Remember the steps of a simple (or simplified) research process.	RP.1.1	Recognize the steps of a simple (or simplified) research process.	K-1: A-B-C Searching K-1: Good Sites



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Safety and Ethical Issues				
1.SE.1	Understand safety and ethical issues related to the responsible use of information and technology resources.	1.SE.1.1	Use technology hardware and software responsibly.	K-1: Go Places Safely
		1.SE.1.2	Explain why safety is important when using the Internet.	K-1: Go Places Safely (Extend)
		1.SE.1.3	Recognize the need to obtain permission or give credit when using intellectual property of others.	K-1: Is This Yours? (Focus is on respect for property in general)



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Grade 2

Essential Standard		Clarifying Objectives		free CyberSmart! Student Curriculum
Sources of Information				
2.SI.1	Categorize sources of information as appropriate or inappropriate.	2.SI.1.1	Classify sources of information as relevant for particular topics or purposes.	2-3: Ask a Librarian
		2.SI.1.2	Classify resources as current or not current.	[MALA: I could add this to Extend for the lesson called Finding Good Sites.]
Informational Text				
2.IN.1	Understand appropriate procedures when reading for enjoyment and information.	2.IN.1.1	Categorize books by their genre characteristics.	(Not addressed)
		2.IN.1.2	Summarize appropriate reading strategies when reading for information.	(Not addressed)
Technology as a Tool				
2.TT.1	Use technology tools and skills to reinforce classroom concepts and activities.	2.TT.1.1	Use a variety of technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.).	2-3; Subject Category Searching 2-3: Using Keywords
		2.TT.1.2	Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.).	(Not addressed)
		2.TT.1.3	Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.).	2-3: The Power of Writing
Research Process				
2.RP.1	Apply the research process by participating in whole-class research.	2.RP.1.1	Execute the steps of a simple research process (three to four steps).	2-3: Using Keywords 2-3: Finding Good Sites



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Safety and Ethical Issues				
2.SE.1	Understand issues related to the safe, ethical, and responsible use of information and technology resources.	2.SE.1.1	Use technology hardware and software responsibly.	2-3: What's Private? 2-3: Filling Out a Form—Ask First 2-3: Is That Fair? 2-3: Whose property in this? 2-3: Good Manners Everywhere
		2.SE.1.2	Explain why safe use of electronic resources is important.	2-3: What's Private? 2-3: Filling Out a Form—Ask First
		2.SE.1.3s	Use simple citation rules for print and electronic resources.	2-3: Finding Good Sites (for electronic resources)



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Grade 3

Essential Standard		Clarifying Objectives		free CyberSmart! Student Curriculum
Sources of Information				
3.SI.1	Categorize sources of information for specific purposes.	3.SI.1.1	Classify various types of resources as appropriate or inappropriate for purposes.	2-3: Finding Good Sites
		3.SI.1.2	Classify resources as reliable or not reliable.	2-3: Finding Good Sites
Informational Text				
3.IN.1	Apply strategies that are appropriate when reading for enjoyment and for information.	3.IN.1.1	Use visual and literacy cues to locate relevant information in a given text (e.g., bold print, italics, bullets, etc).	(Not addressed)
		3.IN.1.2	Compare the characteristics of genres to develop diverse reading habits.	(Not addressed)
Technology as a Tool				
3.TT.1	Use technology tools and skills to reinforce classroom concepts and activities.	3.TT.1.1	Use a variety of technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.).	2-3; Subject Category Searching 2-3: Using Keywords
		3.TT.1.2	Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.).	(Not addressed)
		3.TT.1.3	Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.).	2-3: The Power of Writing
Research Process				



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3.RP.1	Apply a research process as part of collaborative research.	3.RP.1.1	Implement a research process by collaborating effectively with other students.	2-3: The Power of Writing
Safety and Ethical Issues				
3.SE.1	Understand issues related to the safe, ethical, and responsible use of information and technology resources.	3.SE.1.1	Understand the guidelines for responsible use of technology hardware.	2-3: Whose property in this?
		3.SE.1.2	Understand ethical behavior (copyright, not plagiarizing, netiquette) when using resources.	2-3: Good Manners Everywhere 2-3: Whose property in this? (Teach 3)
		3.SE.1.3	Understand internet safety precautions (personal information, passwords, etc.).	2-3: What's Private? 2-3: Filling Out a Form—Ask First



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Grade 4

Essential Standard		Clarifying Objectives		free CyberSmart! Student Curriculum
Sources of Information				
4.SI.1	Apply criteria to determine appropriate information resources for specific topics and purposes.	4.SI.1.1	Use various types of resources to gather information (including print and online media).	4-5: What's at the Library?
		4.SI.1.2	Use relevant sources of information for an assigned task.	4-5: Choosing a Search Site
		4.SI.1.3	Use reliable sources of information.	4-5: Rating Web Sites
Informational Text				
4.IN.1	Apply appropriate strategies when reading for enjoyment and for information.	4.IN.1.1	Implement appropriate reading strategies when reading for information.	(Not addressed)
		4.IN.1.2	Explain the importance of relevant characteristics in various genres.	(Not addressed)
Technology as a Tool				
4.TT.1	Use technology tools and skills to reinforce classroom concepts and activities.	4.TT.1.1	Use a variety of technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.).	4-5: Choosing a Search Site 4-5: E-mailing for Homework Help 4-5: Homework Help in a Hurry 4-5: What's at the Library?
		4.TT.1.2	Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.).	(Not addressed)
		4.TT.1.3	Use technology tools to present data and information (multimedia, audio and visual recording, online collaboration tools, etc.).	(Not addressed)
Research Process				



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4.RP.1	Apply a research process as part of collaborative research.	4.RP.1.1	Implement a research process by collaborating effectively with other students.	4-5: Purchasing Power 4-5: Choosing a Search Site
Safety and Ethical Issues				
4.SE.1	Understand issues related to the safe, ethical, and responsible use of information and technology resources.	4.SE.1.1	Understand the guidelines for responsible use of technology hardware.	4-5: Understand Your Acceptable Use Policy
		4.SE.1.2	Understand ethical behavior (copyright, not plagiarizing, netiquette) when using resources.	4-5: Whose Is It, Anyway? (copyright, plagiarizing) 4-5: Do the Right Thing 4-5: The Power of Words 4-5: Group Think 4-5: Be Comfortable 4-5: Good E-mail Manners
		4.SE.1.3	Understand internet safety precautions (personal information, passwords, etc.).	4-5: Private Information 4-5: Safe Talking in Cyberspace 4-5: Powerful Passwords 4-5: Handling E-mail and IM 4-5: Privacy Rules!



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Grade 5

Essential Standard		Clarifying Objectives		free CyberSmart! Student Curriculum
Sources of Information				
5.SI.1	Apply criteria to determine appropriate information resources for specific topics and purposes.	5.SI.1.1	Use various types of resources to gather information (including print and online media).	4-5: What's at the Library? 4-5: Purchasing Power
		5.SI.1.2	Use relevant sources of information for an assigned task.	4-5: E-mailing for Homework Help 4-5: Homework Help in a Hurry
		5.SI.1.3	Use reliable sources of information.	4-5: Rating Web Sites
Informational Text				
5.IN.1	Analyze appropriate strategies when reading for enjoyment and for information.	5.IN.1.1	Differentiate strategies when reading informational text in a variety of formats (e.g., print, online, audio, etc.) to complete assigned tasks.	(Not addressed)
		5.IN.1.2	Differentiate strategies when reading various genres.	(Not addressed)
Technology as a Tool				
5.TT.1	Use technology tools and skills to reinforce and extend classroom concepts and activities.	5.TT.1.1	Use a variety of technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.).	4-5: Choosing a Search Site 4-5: E-mailing for Homework Help 4-5: Homework Help in a Hurry 4-5: What's at the Library?
		5.TT.1.2	Use a variety of technology tools to organize data and information (e.g., word processor, graphic organizer, audio and visual recording, online collaboration tools, etc.).	(Not addressed)
		5.TT.1.3	Use technology tools to present data and information (e.g., multimedia, audio and visual recording, online collaboration tools, etc.).	(Not addressed)



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Sources of Information				
Research Process				
5.RP.1	Apply a research process as part of collaborative research.	5.RP.1.1	Implement a research process by collaborating effectively with other students.	4-5: Purchasing Power 4-5: Choosing a Search Site
Safety and Ethical Issues				
5.SE.1	Understand issues related to the safe, ethical, and responsible use of information and technology resources.	5.SE.1.1	Understand the guidelines for responsible use of technology hardware.	4-5: Understand Your Acceptable Use Policy
		5.SE.1.2	Understand ethical behavior (e.g., copyright, not plagiarizing, netiquette) when using resources.	4-5: Whose Is It, Anyway? (copyright, plagiarizing) 4-5: Do the Right Thing 4-5: The Power of Words 4-5: Group Think 4-5: Be Comfortable 4-5: Good E-mail Manners
		5.SE.1.3	Understand internet safety precautions (e.g., personal information, passwords, etc.).	4-5: Private Information 4-5: Safe Talking in Cyberspace 4-5: Powerful Passwords 4-5: Handling E-mail and IM 4-5: Privacy Rules!