

Digital Citizenship: Kindergarten

ARE Aspect	Issuing Organization	Standard
APPROPRIATE	ISTE	5 Digital Citizenship: 5b. [Students] exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.
RESPONSIBLE	Mass DOE Technology	K-2 2.1 Follow classroom rules for the responsible use of computers, peripheral devices, and resources. K-2 2.3 Explain why there are rules for using technology at home and at school.
	Mass. DOE Social Science Civics and Government	K Civics 6: Give examples that show the meaning of the following concepts: authority, fairness, justice, responsibility, and rules. PreK-K.5 Retell stories that illustrate honesty, courage, friendship, respect, responsibility, and the wise or judicious exercise of authority, and explain how the characters in the stories show these qualities. PreK-K.6 Identify and describe family or community members who promote the welfare and safety of children and adults.
	Open Circle	Lesson 2: Getting to know one another. Lesson 3: Classroom rules. Lesson 10: Dealing with "Double D" behavior/ When to tell a responsible adult
EFFECTIVE	Mass. DOE ELA	Composition 24.1 Students will gather information from a variety of sources, analyze and evaluate the quality of the information they obtain, and use it to answer their own questions. Generate questions and gather information from several sources in a classroom, school, or public library.

Digital Citizenship: Grade 1

ARE Aspect	Issuing Organization	Standard
APPROPRIATE	ISTE	5 Digital Citizenship: 5b. [Students] exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity. 6d. Technology Operations and Concepts: [Students] transfer current knowledge to learning of new technologies.
RESPONSIBLE	Mass. DOE Technology	Standard 2: Demonstrate the responsible use of technology and an understanding of ethics and safety issues in using electronic media at home, in school, and in society. K-2 2.1 Follow classroom rules for the responsible use of computers, peripheral devices, and resources. K-2 2.3 Explain why there are rules for using technology at home and at school.
	Mass. DOE Social Science Civics and Government	Grade 1 Civics 8: Give examples that show the meaning of the following words: politeness, achievement, courage, honesty, and reliability.
	Open Circle	Lesson 2: Getting to know one another. Lesson 3: Classroom rules. Lesson 10: Dealing with "Double D" behavior/ When to tell a responsible adult
	Mass. DOE Health Appendix C	Social, Ethical and Human Issues: B. Identify ethical and legal conduct when using technology in the classroom and describe personal consequences of inappropriate use. C. Practice responsible use of technology systems and software.
EFFECTIVE	Mass. DOE ELA	Composition 24.1 Students will gather information from a variety of sources, analyze and evaluate the quality of the information they obtain, and use it to answer their own questions. Generate questions and gather information from several sources in a classroom, school, or public library.
	Mass. DOE Technology	K-2 3.1 Use various age-appropriate technologies to locate, collect, and organize information.

Digital Citizenship: Grade 2

ARE Aspect	Issuing Organization	Standard
APPROPRIATE	ISTE	5 Digital Citizenship: [Students] 5b. exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity. 6d. Technology Operations and Concepts: [Students] transfer current knowledge to learning of new technologies.
	Mass DOE Technology	K-2 1.9: Explain that the Internet links computers around the world, allowing people to access information and communicate.
RESPONSIBLE	Mass. DOE Technology	Standard 2: Demonstrate the responsible use of technology and an understanding of ethics and safety issues in using electronic media at home, in school, and in society. K-2 2.1 Follow classroom rules for the responsible use of computers, peripheral devices, and resources. K-2 2.3 Explain why there are rules for using technology at home and at school. K-2 2.5 Describe how people use many types of technologies in their daily lives. K-2 2.6 Follow the school rules for safe and ethical Internet use. (Use of Internet in this grade span is determined by district policy.)
	Mass. DOE Health Appendix C	Social, Ethical and Human Issues: B. Identify ethical and legal conduct when using technology in the classroom and describe personal consequences of inappropriate use. C. Practice responsible use of technology systems and software.
	Open Circle	Lesson 2: Getting to know one another. Lesson 3: Classroom rules. Lesson 10: Dealing with "Double D" behavior/ When to tell a responsible adult
EFFECTIVE	Mass. DOE Technology	K-2 3.1 Use various age-appropriate technologies to locate, collect, and organize information.
	Mass DOE ELA	Composition Standard 24: Students will gather information from a variety of sources, analyze and evaluate the quality of the information they obtain, and use it to answer their own questions. 24.1: Generate questions and gather information from several sources in a classroom, school, or public library. 24.2: Identify and apply steps in conducting and reporting research.
	ISTE	3b Research and Information fluency: [Students] locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media

Digital Citizenship: Grade 3

ARE Aspect	Issuing Organization	Standard
APPROPRIATE	ISTE	Standard 5 Digital Citizenship: Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students: a. advocate and practice safe, legal, and responsible use of information and technology. b. exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.
	Mass DOE Technology	Standard 2: Demonstrate the responsible use of technology and an understanding of ethics and safety issues in using electronic media at home, in school, and in society. Gr. 3-5 2.9: Recognize and describe the potential risks and dangers associated with various forms of online communications. 2.10: Identify and explain the strategies used for the safe and efficient use of computers (e.g., passwords, virus protection software, spam filters, popup blockers). 2.11: Demonstrate safe e-mail practices, recognition of the potentially public exposure of e-mail and appropriate e-mail etiquette (if the district allows student e-mail use). 2.12: Identify cyberbullying and describe strategies to deal with such a situation. Standard 3 Demonstrate the ability to use technology for research, critical thinking, problem solving, decision-making, communication, collaboration, creativity, and innovation.
RESPONSIBLE	Mass DOE Technology	Gr. 3-5 2.1 Explain and demonstrate compliance with school rules (Acceptable Use Policy) regarding responsible use of computers and networks. Gr. 3-5 2.2: Explain responsible uses of technology and digital information; describe possible consequences of inappropriate use.
	Mass. DOE Health Appendix C	Social, Ethical and Human Issues: B. Identify ethical and legal conduct when using technology in the classroom and describe personal consequences of inappropriate use. C. Practice responsible use of technology systems and software.
	Open Circle	Lesson 2: Getting to know one another; Lesson 10: Dealing with "Double D" behavior /When to tell a responsible adult; Lesson 11: When to deal with situations yourself Lesson 14: Speaking up, Part 2: Solving People Problems; Lesson 22: Introducing problem solving; Lesson 23: Introducing Traffic Signal; Lesson 24 Create a problem solving box
EFFECTIVE	Mass. DOE Technology	Gr. 3-5 3.2: Perform basic searches on databases (e.g., library card catalogue, encyclopedia) to locate information, using two or more key words and techniques to refine and limit such searches. G3-5: 3.3 Evaluate Internet resources in terms of their usefulness for research.
	Mass. DOE ELA	Composition Standard 24: Students will gather information from a variety of sources, analyze and evaluate the quality of the information they obtain, and use it to answer their own questions. 24.1: Generate questions and gather information from several sources in a classroom, school, or public library. 24.2: Identify and apply steps in conducting and reporting research.
	ISTE	Standard 3 Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information. 3b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media 3c. evaluate and select information sources and digital tools

		based on the appropriateness to specific tasks. Standard 4 Critical Thinking, Problem-Solving & Decision-Making: 4a. [Students] identify and define authentic problems and significant questions for investigation 4b. plan and manage activities to develop a solution or complete a project. Standard 6. Technology Operations and Concepts: Students demonstrate a sound understanding of technology concepts, systems and operations.
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Digital Citizenship: Grade 4

ARE Aspect	Issuing Organization	Standard
APPROPRIATE	ISTE	ISTE Standard 2 Communication and Collaboration: Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. Students: a. interact, collaborate, and publish with peers, experts or others employing a variety of digital environments and media. ISTE Standard 5 Digital Citizenship: Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students: a. advocate and practice safe, legal, and responsible use of information and technology. b. exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity. d. exhibit leadership for digital citizenship.
	Mass DOE Technology	Standard 2: Demonstrate the responsible use of technology and an understanding of ethics and safety issues in using electronic media at home, in school, and in society. Gr. 3-5 2.9: Recognize and describe the potential risks and dangers associated with various forms of online communications. 2.10: Identify and explain the strategies used for the safe and efficient use of computers (e.g., passwords, virus protection software, spam filters, popup blockers). 2.11: Demonstrate safe e-mail practices, recognition of the potentially public exposure of e-mail and appropriate e-mail etiquette (if the district allows student e-mail use). 2.12: Identify cyber bullying and describe strategies to deal with such a situation.
RESPONSIBLE	Mass DOE Technology	Gr. 3-5 2.1: Explain and demonstrate compliance with school rules (Acceptable Use Policy) regarding responsible use of computers and networks. 2.2: Explain responsible uses of technology and digital information; describe possible consequences of inappropriate use. 2.3: Explain Fair Use Guidelines for the use of copyrighted materials (e.g., text, images, music, video) in student projects.
	Mass. DOE Health Appendix C	Social, Ethical and Human Issues: A. Work cooperatively and collaboratively with peers when using technology in the classroom. B. Identify ethical and legal conduct when using technology in the classroom and describe personal consequences of inappropriate use. C. Practice responsible use of technology systems and software. D. Analyze advantages and disadvantages of widespread use and reliance on technology in the workplace and in society as a whole.
	Open Circle	Lesson 2 Getting to know one another; Lesson 10 Dealing with "Double D" behavior When to tell a responsible adult; Lesson 11 When to deal with situations yourself; Lesson 14 Speaking up Part 2: Solving People Problems; Lesson 22 Introducing problem solving; Lesson 23 Introducing Traffic Signal; Lesson 24 Create a problem solving box 3
EFFECTIVE	Mass DOE Technology	Gr. 3-5 1.16 Explain terms related to the use of networks (e.g., username, password, network, file server). 1.18: Use age-appropriate Internet-based search engines to locate and extract information, selecting appropriate key words. 3.1 Locate, download, and organize content from digital media collections for specific purposes, citing sources. 3.2 Perform basic searches on databases (e.g., library card catalogue, encyclopedia) to locate information, using two or more key words and techniques to refine and limit such searches. 3.3: Evaluate Internet resources in terms of their usefulness for

		research. 3.4: Use content-specific technology tools (e.g., environmental probes, sensors, measuring devices, simulations) to gather and analyze data. 3.5: Use online tools (e.g., e-mail, online discussion forums, blogs, and wikis).
	Mass DOE ELA	Composition Standard 24: Students will gather information from a variety of sources, analyze and evaluate the quality of the information they obtain, and use it to answer their own questions. 24.1: Generate questions and gather information from several sources in a classroom, school, or public library. Composition 24.2 Identify and apply steps in conducting and reporting research: Define the need for information and formulate open-ended research questions; initiate a plan for searching for information; locate resources; evaluate the relevance of the information; interpret, use, and communicate the information; evaluate the research project as a whole. Composition 24.3 Apply steps for obtaining and evaluating information and presenting research, including using an expanded range of print and non-print sources, following established criteria for evaluating information, locating specific information using indexes, tables of contents, and electronic search keywords, and providing documentation in a consistent format.
	ISTE	Standard 3 Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information. 3b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media 3c. evaluate and select information sources and digital tools based on the appropriateness to specific tasks. Standard 4a Critical Thinking, Problem-Solving & Decision-Making: [Students] identify and define authentic problems and significant questions for investigation 4b. plan and manage activities to develop a solution or complete a project. Standard 6. Technology Operations and Concepts: Students demonstrate a sound understanding of technology concepts, systems and operations.

Digital Citizenship: Grade 5

ARE Aspect	Issuing Organization	Standard
APPROPRIATE	ISTE	<p>Standard 2 Communication and Collaboration: Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. Students: a. interact, collaborate, and publish with peers, experts or others employing a variety of digital environments and media.</p> <p>Standard 5 Digital Citizenship: Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students: a. advocate and practice safe, legal, and responsible use of information and technology. b. exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity. c. demonstrate personal responsibility for lifelong learning. d. exhibit leadership for digital citizenship.</p>
	Mass DOE Technology	<p>Standard 2: Demonstrate the responsible use of technology and an understanding of ethics and safety issues in using electronic media at home, in school, and in society. Gr. 3-5 2.9: Recognize and describe the potential risks and dangers associated with various forms of online communications. 2.10: Identify and explain the strategies used for the safe and efficient use of computers (e.g., passwords, virus protection software, spam filters, popup blockers). 2.11: Demonstrate safe e-mail practices, recognition of the potentially public exposure of e-mail and appropriate e-mail etiquette (if the district allows student e-mail use). 2.12: Identify cyber bullying and describe strategies to deal with such a situation.</p>
RESPONSIBLE	Mass DOE Technology	<p>Gr. 3-5 2.1 Explain and demonstrate compliance with school rules (Acceptable Use Policy) regarding responsible use of computers and networks. 2.2: Explain responsible uses of technology and digital information; describe possible consequences of inappropriate use. 2.3 Explain Fair Use Guidelines for the use of copyrighted materials (e.g., text, images, music, video) in student projects.</p>
	Mass. DOE Health Appendix C	<p>Social, Ethical and Human Issues: A. Work cooperatively and collaboratively with peers when using technology in the classroom. B. Identify ethical and legal conduct when using technology in the classroom and describe personal consequences of inappropriate use. C. Practice responsible use of technology systems and software. D. Analyze advantages and disadvantages of widespread use and reliance on technology in the workplace and in society as a whole.</p>
	Open Circle	<p>Lesson 2 Getting to know one another; Lesson 10 Dealing with “Double D” behavior When to tell a responsible adult; Lesson 11 When to deal with situations yourself; Lesson 14 Speaking up Part 2: Solving People Problems; Lesson 22 Introducing problem solving; Lesson 23 Introducing Traffic Signal; Lesson 24 Create a problem solving box</p>
EFFECTIVE	Mass DOE Technology	<p>Standard 1. Demonstrate proficiency in the use of computers and applications, as well as an understanding of the concepts underlying hardware, software, and connectivity. Gr. 3-5 1.16 Explain terms related to the use of networks (e.g., username, password, network, file server). 1.18:</p>

		<p>Use age-appropriate Internet-based search engines to locate and extract information, selecting appropriate key words.</p> <p>Standard 3. Demonstrate the ability to use technology for research, critical thinking, problem solving decision-making, communication, collaboration, creativity, and innovation. Gr. 3-5 3.1 Locate, download, and organize content from digital media collections for specific purposes, citing sources. 3. Perform basic searches on databases (e.g., library card catalogue, encyclopedia) to locate information using two or more key words and techniques to refine and limit such searches. 3.3: Evaluate Internet resources in terms of their usefulness for research. 3.4: Use content-specific technology tools (e.g., environmental probes, sensors, measuring devices, simulations) to gather and analyze data. 3.5: Use online tools (e.g., e-mail, online discussion forums, blogs, and wikis).</p>
	<p>Mass. DOE ELA</p>	<p>Composition Standard 24: Students will gather information from a variety of sources, analyze and evaluate the quality of the information they obtain, and use it to answer their own questions. 24.1: Generate questions and gather information from several sources in a classroom, school, or public library. Composition 24.2 Identify and apply steps in conducting and reporting research: Define the need for information and formulate open-ended research questions; initiate a plan for searching for information; locate resources; evaluate the relevance of the information; interpret, use, and communicate the information; evaluate the research project as a whole. Composition 24.3 Apply steps for obtaining and evaluating information and presenting research, including using an expanded range of print and non-print sources, following established criteria for evaluating information, locating specific information using indexes, tables of contents, and electronic search keywords, and providing documentation in a consistent format. Composition 25.3 Use prescribed criteria from a scoring rubric to evaluate compositions, recitations, or performances before presenting them to an audience. Composition 26.3 Identify techniques used in educational reference software and websites and describe how these techniques are the same as or different from the techniques used by authors and illustrators of print materials.</p>
	<p>ISTE</p>	<p>Standard 3 Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information. 3b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media 3c. evaluate and select information sources and digital tools based on the appropriateness to specific tasks.</p> <p>Standard 4 Critical Thinking, Problem-Solving & Decision-Making: 4a. [Students] identify and define authentic problems and significant questions for investigation 4b. plan and manage activities to develop a solution or complete a project.</p> <p>Standard 6 Technology Operations and Concepts: Students demonstrate a sound understanding of technology concepts, systems and operations. Students: 6a. understand and use technology systems. 6b. Students use critical thinking skills to plan and conduct research, manage projects, solve problems and make informed decisions using appropriate digital tools and resources. 6d. transfer current knowledge to learning of new technologies.</p>