



Maryland Technology Literacy Standards for Students

Standard 2.0 – Digital Citizenship: Demonstrate an understanding of the history of technology and its impact on society, and practice ethical, legal, and responsible use of technology to assure safety.

Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
<p>A. Technology and Society</p> <p>1. Explain how technology affects people and society</p> <p>a) Explain how technology (such as computers, cameras, calculators, television, CD-ROM, and DVD) influences societies</p> <p>b) Identify examples of how technology has affected the environment, past and present</p> <p>c) Explain how technology tools have or can be used to meet the needs of societies</p> <p>d) Recommend ways technology can be used to meet the needs of societies</p>	<p>A. Technology and Society</p> <p>1. Explain how technology affects the individual and society</p> <p>a) Explain technology's influence on the individual and society</p> <p>b) Identify examples of technology's impact on the environment</p> <p>c) Explain how technology tools have been used to meet the needs of societies</p> <p>d) Recommend ways technology can be used to meet the needs of societies</p>	<p>A. Technology and Society</p> <p>1. Explain how technology affects the individual and society</p> <p>a) Explain technology's influence on the individual and society</p> <p>b) Identify examples of technology's impact on the environment</p> <p>c) Recommend ways technology can be used to meet the needs of societies</p>	<p>A. Technology and Society</p> <p>1. Evaluate how technology affects the individual and society</p> <p>a) Evaluate technology's influence on the individual and society</p> <p>b) Evaluate technology's impact on the environment</p> <p>c) Evaluate the use of technology to solve a societal issue</p> <p>d) Propose a technological solution to a societal issue</p>	<p>A. Technology and Society</p> <p>1. Evaluate how technology affects the individual and society</p> <p>a) Evaluate technology's influence on the individual and society</p> <p>b) Evaluate technology's impact on the environment</p> <p>c) Evaluate the use of technology to solve a societal issue</p> <p>d) Propose a technological solution to a societal issue</p>



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<p>B. Legal and Ethical Issues</p> <p>1. Practice responsible and appropriate use of technology systems, software, and information</p> <p>a) Explain the purpose of and follow the acceptable use policy</p> <p>b) Work cooperatively and collaboratively with others when using technology</p> <p>c) Practice responsible use of technology systems</p> <p>d) Demonstrate proper care of equipment (such as following lab rules, handling equipment with care, appropriate printing of resources)</p> <p>e) Recognize the potential harm of intrusive applications (such as worms, viruses, spyware, pop-up windows, etc.)</p> <p>f) Use safe and correct security procedures (such as protecting password and user ID)</p> <p>2. Demonstrate an understanding of current legal standards</p> <p>a) Demonstrate social and ethical behaviors when using technology (such as appropriate copying and pasting, legal downloading, intellectual property recognition, and obeying copyright laws)</p> <p>b) Discuss the importance of</p>	<p>B. Legal and Ethical Issues</p> <p>1. Practice responsible and appropriate use of technology systems, software, and information</p> <p>a) Explain the purpose of and follow the acceptable use policy</p> <p>b) Work cooperatively and collaboratively with others when using technology</p> <p>c) Practice responsible use of technology systems</p> <p>d) Demonstrate proper care of equipment (such as following lab rules, handling equipment with care, appropriate printing of resources)</p> <p>e) Recognize the potential harm of intrusive applications (such as worms, viruses, spyware, pop-up windows, etc.)</p> <p>f) Use safe and correct security procedures (such as protecting password and user ID)</p> <p>2. Demonstrate an understanding of current legal standards</p> <p>a) Comply with copyright laws and fair use provisions when using digital content</p> <p>b) Use electronic resources appropriately (such as paraphrasing)</p> <p>c) Cite electronic sources of text</p>	<p>B. Legal and Ethical Issues</p> <p>1. 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<p>having access to current, accurate information</p> <p>c) Comply with copyright laws and fair use provisions</p> <p>d) Practice strategies for avoiding plagiarism when using digital content</p> <p>e) Cite electronic sources of text and digital information properly</p>	<p>and digital information properly (such as MLA, APA, Chicago)</p>	<p>and digital information properly (such as MLA, APA, Chicago)</p>	<p>and digital information properly (such as MLA, APA, Chicago)</p>	<p>and digital information properly (such as MLA, APA, Chicago)</p>
<p>3. Understand current Internet safety guidelines</p>	<p>3. Understand current Internet safety guidelines</p>	<p>3. Understand current Internet safety guidelines</p>	<p>3. Understand current Internet safety guidelines</p>	<p>3. Understand current safety standards</p>
<p>a) Understand that the Internet offers access to multiple digital communities with differing guidelines</p> <p>b) Explain safety and privacy issues related to use of the Internet</p> <p>c) Use safe and correct security procedures when working online (such as not disclosing personal information and protecting passwords)</p> <p>d) Describe procedures for exiting an inappropriate site (such as clicking the home, turning off monitor, notifying an adult)</p> <p>e) Understand the purpose of technology protection measures including filtering systems</p>	<p>a) Understand that the Internet offers access to multiple digital communities with differing guidelines</p> <p>b) Explain safety and privacy issues related to use of the Internet</p> <p>c) Use safe and correct security procedures when working online (such as not disclosing personal information and protecting passwords)</p> <p>d) Describe procedures for exiting an inappropriate site (such as clicking the home, turning off monitor, notifying an adult)</p> <p>e) Understand the purpose of technology protection measures including filtering systems</p>	<p>a) Understand that the Internet offers access to multiple digital communities with differing guidelines</p> <p>b) Explain safety and privacy issues related to use of the Internet</p> <p>c) Use safe and correct security procedures when working online (such as not disclosing personal information and protecting passwords)</p> <p>d) Describe procedures for exiting an inappropriate site (such as clicking the home, turning off monitor, notifying an adult)</p> <p>e) Practice privacy guidelines</p> <p>f) Explain the importance of firewalls and filtering systems</p>	<p>a) Understand that the Internet offers access to multiple digital communities with differing guidelines</p> <p>b) Explain safety and privacy issues related to use of the Internet</p> <p>c) Use safe and correct security procedures when working online (such as not disclosing personal information and protecting passwords)</p> <p>d) Describe procedures for exiting an inappropriate site (such as clicking the home, turning off monitor, notifying an adult)</p> <p>e) Practice privacy guidelines</p> <p>f) Explain the importance of firewalls and filtering systems</p>	<p>a) Understand that the Internet offers access to multiple digital communities with differing guidelines</p> <p>b) Explain safety and privacy issues related to use of the Internet</p> <p>c) Use safe and correct security procedures when working online (such as not disclosing personal information and protecting passwords)</p> <p>d) Describe procedures for exiting an inappropriate site (such as clicking the home, turning off monitor, notifying an adult)</p> <p>e) Practice privacy guidelines</p> <p>f) Explain the importance of firewalls and filtering systems</p>