

Digital Citizenship, Technology, Library Science Curriculum

<p>K-2</p> <p>Digital Citizenship <i>Understand and practice appropriate and safe uses of technology</i></p> <p>Technology <i>Understand basic technology hardware and software and their application</i></p> <p>Information Literacy <i>Engages in the information literacy process: access, evaluate and communicate information and ideas</i></p> <p><i>Engages in the information literacy process: access, evaluate, and communicate information and ideas</i></p> <p><i>Uses a variety of skills and strategies to comprehend nonfiction and informational text.</i></p> <p>Love of Reading <i>Demonstrates an understanding of written language and the relationship of letters and words to the sounds of speech</i></p> <p><i>Reads for a variety of purposes and across content areas</i></p> <p><i>Independently reads a significant number of books and texts each year (fiction, nonfiction and variety of genres)</i></p>	<p>Kindergarten:</p> <p>Digital Citizenship</p> <ul style="list-style-type: none"> ● States reasons why not to use first and last names when online ● Asks for help at home and at school ● Uses technology to explore personal interests ● Uses technology responsibly explaining the difference between appropriate and inappropriate actions when using the internet and being online <hr/> <p>Technology</p> <ul style="list-style-type: none"> ● Identifies the URL ● Logs into computer and/or website ● Uses a mouse/trackpad <ul style="list-style-type: none"> ■ Control the cursor on screen by moving the mouse. ■ Click and drag to move objects on a screen ■ Single click and double click objects ● Uses a keyboard <ul style="list-style-type: none"> ■ Use the keyboard to copy and/or input text ■ Be able to identify the backspace, number, space, arrows, and enter keys ■ Identify keyboard letters as capital letters ● Recognizes that different icons represent different programs using teacher selected internet games and activities ● Launches and quits programs ● Works independently on the computer or with a partner ● Discusses appropriate and inappropriate ways to handle hardware and equipment <hr/>
	<p>Information Literacy</p> <ul style="list-style-type: none"> ● Follows process to check out and return books ● Demonstrates respect for and proper care of library materials ● Recognizes library materials are for shared use ● Identifies author, title, illustrator, spine, spine label ● Identifies front/back cover of the book ● Identifies the difference between fiction and nonfiction ● Recognizes common types of text (e.g., storybooks, poems, etc) <hr/> <p>Love of Reading</p> <ul style="list-style-type: none"> ● Selects a picture book and/or an online resources to share with family ● Identifies the purpose of a library and role of the teacher librarian. ● Reads from online author and book sites and eBooks online ● Evaluates grade appropriate quality children’s literature <hr/>
	<p>1st Grade:</p> <p>Digital Citizenship</p> <ul style="list-style-type: none"> ● Explains why there are logins and passwords on some pieces of hardware, software, and websites ● Generates safe user names ● Discusses the difference between personal and private information ● Explains the difference between appropriate and inappropriate actions when using the internet and being online ● Asks peers for help ● Uses technology to explore personal interests

- Demonstrates to others how to use technology tools in ways that assist, rather than prevent, others from learning

Technology

- Identifies different types of domain names (.com, .org, .gov, etc.)
- Uses homerow
- Uses basic output devices (headphones, speakers, etc.)
- Explains how to clean screens appropriately
- Utilizes word processing application to share original writing
- Saves work to specified location before closing applications
- Students will be able to explore a program they have not used before without being given instructions

Information Literacy

- Explains proper care of library materials
- Locates title page and end papers
- Locates parts of a book including table of contents, glossary, index and electronic menus
- Discriminates between fiction and nonfiction
- Distinguishes between information provided by pictures or other illustrations and information provided by the words in a text.

Love of Reading

- Chooses books according to interest and reading level
- Finds fictions and nonfiction books within the library
- Finds eBooks within Mackin VIA and reads them online
- Reads from online author and book sites
- Evaluates grade appropriate quality children’s literature

2nd Grade:

Digital Citizenship

- Describes why stealing information and things others have created is the same as stealing tangible items
- Identifies ways to protect identity when contributing information online
- Identifies examples of concerns that should go to an adult right away
- Uses technology to explore personal interests
- Demonstrates to others how to use technology tools in ways that assist, rather than prevent, others from learning

Technology

- Uses basic input and output devices (cd-rom, flash drive, printer, microphones, etc.)
- Recognizes when an application or device is not working properly
- Relaunches application as a troubleshooting measure
- Differentiates between hardware, software, and web-based applications
- Utilizes presentation application and Web 2.0 tools to share information
- Uses proper fingering of homerow keys
- Recognizes applications specific to a Mac or PC within Van Meter Schools

Information Literacy

- Locates publisher and copyright date
- Locates a book using the call number
- Recognizes the purposes of library’s online catalog (Destiny)
- Finds an internet site given the specific web address

	<ul style="list-style-type: none"> • Uses information gained from the illustrations and words in a print or digital text to demonstrate understanding (fiction and nonfiction) • Compares and contrasts two or more versions of the same story (e.g. Fairy Tales, Night Before Christmas around World) by different authors or from different cultures. <hr/> <p>Love of Reading</p> <ul style="list-style-type: none"> • Chooses books according to interest and reading level • Shares reasons for selecting a particular book (within library and eBooks) • Shares online author and book sites • Evaluates grade appropriate quality children’s literature
<p>3-5</p> <p>Digital Citizenship <i>Understand and practice appropriate, legal, and safe uses of technology for lifelong learning</i></p> <p>Technology <i>Understand technology hardware and software system operations and their application</i></p> <p>Information Literacy <i>Engages in the information literacy process: accesses, evaluates, and communicates information & ideas</i></p> <p><i>Utilizes digital tools and resources to investigate real-world issues, answer questions, or solve problems</i></p> <p><i>Uses technological resources to develop and refine questions for investigation</i></p> <p><i>Uses a variety of skills and strategies to comprehend nonfiction and informational text</i></p> <p>Love of Reading <i>Reads for a variety of purposes and across content areas</i></p> <p><i>Independently reads a significant number of books and texts each year (fiction, nonfiction, and variety of genres)</i></p>	<p>3rd Grade:</p> <p>Digital Citizenship</p> <ul style="list-style-type: none"> • Describes copyright • Explains ways identity is protected when contributing information online • Discusses what information is appropriate to share about other people (images, video, audio, text, etc) • Considers personal information a stranger could find online • Uses appropriate posture while working at a computer to avoid injury • Uses technology to explore and pursue personal interests • Shows others how to use new technologies, and use technology in ways that assist, rather than prevent, others from learning <hr/> <p>Technology</p> <ul style="list-style-type: none"> • Recognizes menu bars for basic applications (word processing, browser windows) • Uses word processing skills to manipulate and change text • Uses technology tools to capture images (video and photos) • Creates a multimedia presentation (Powerpoint, Keynote) • Connects hardware for multimedia presentation • Uses external device to save and transfer files • Keys home row accurately and confidently <p>Information Literacy</p> <ul style="list-style-type: none"> • Uses the online catalog to find materials <ul style="list-style-type: none"> ◦ Uses Mackin VIA to find eBooks and databases • Identifies importance of using search terms (keywords, title, author, and series) • With prompting and support, conducts internet searches using educational search engines (SweetSearch4me, NetTrekker, Webpath express) and databases (World Book) • Determines the usefulness of a source • Accesses table of contents and index • Explores copyright and plagiarism <p>Love of Reading</p> <ul style="list-style-type: none"> • Makes connections between reading and personal interests • Shares information about an author and/or book using various formats • Identifies a variety of formats for reading (books, eBooks, magazines, non-print, newspapers, etc) • Demonstrates respect for library space and materials • Evaluates grade appropriate quality children’s literature <hr/>

4th Grade:

Digital Citizenship

- Gives credit to owner of visual media
- Protect other people's personal information when publishing online (images, video, audio, text, etc)
- Explain ways to tell if a stranger is using Internet information to seem like a friend
- Describe consequences when people do not protect personal information when using social networking tools
- Use technology responsibly to explore and pursue personal interests
- Show others how to use new technologies, and use technology in ways that assist, rather than prevent, others from learning

Technology

- Identify positive value of technology including web 2.0 tools
- Uses visual space on desktop to display two programs at once
- Utilizes spreadsheet and Web 2.0 tools to demonstrate numerical information
- Creates a multimedia presentation by choosing from applications and Web 2.0 tools
- Creates hyperlinks
- Keys alphabet accurately and confidently

Information Literacy

- Uses advanced featured in library's online catalog for intended purposes (Destiny)
 - Uses Mackin VIA to find eBooks and databases
- Identifies the information need
- Restates provided research question in own words
- Uses provided topic to list possible research questions
- Explains the impact of copyright date to the usefulness of information
- Defines copyright and plagiarism
- With prompting and support, conducts internet searches using educational search engines (SweetSearch4me, NetTrekker, Webpath express) and databases (World Book)

Love of Reading

- Makes connections between reading and personal interests
- Shares information about an author and/or book using various formats
- Reads from a variety of formats (magazines, blogs, books, ebooks, websites, etc.)
- Demonstrates respect for library space and materials
- Evaluates grade appropriate quality children's literature

5th Grade:

Digital Citizenship

- Debate benefits and safety concerns of contributing information online
- Recognize digital resources that are copyright free
- Credits author and publication for direct quotations
- Use technology responsibly to explore and pursue personal interests
- Show others how to use new technologies, and use technology in ways that assist, rather than prevent, others from learning
- Describe how communication changes online versus face-to-face

Technology

- Suggest a technology tool to use to accomplish a particular task
- Utilizes spreadsheet and web 2.0 tools to organize, graph, and calculate data

	<ul style="list-style-type: none"> ● Apply advanced formatting techniques ● Sequence animation to produce a digital story ● Keys letters and numbers at a productive speed ● Explores tools to help with personal learning styles (organization tools like stickies and calendars, speech features from text, highlighting, bookmarking tools) year prior to 1:1 computing <p>Information Literacy</p> <ul style="list-style-type: none"> ● Demonstrates the ability to locate an answer to a question quickly or to solve a problem efficiently, drawing on information from multiple print or digital sources. ● Identifies ways to find trusted information ● Recognizes multiple formats exist for citing sources (EasyBib) ● Conducts Internet searches using educational search engines (SweetSearch4me, NetTrekker, WebPath Express) and databases (Brittanica) <p>Love of Reading</p> <ul style="list-style-type: none"> ● Makes connections between reading and personal interests ● Shares information about an author and/or book using various formats ● Reads from a variety of formats (magazines, blogs, books, eBooks, websites, etc.) ● Demonstrate respect for library space ● Evaluates grade appropriate quality children’s literature
<p>6-8</p> <p>Digital Citizenship <i>Understand the legal and ethical issues of technology as related to individuals, cultures, and societies.</i></p> <p>Technology <i>Collaborate with peers, experts, and others using interactive technology.</i></p> <p><i>Understand the underlying structure and application of technology systems.</i></p> <p>Information Literacy <i>Engages in the information literacy process: accesses, evaluates, and communicates information and ideas</i></p> <p><i>Plans strategies utilizing digital tools to gather, evaluate, and use information</i></p> <p><i>Use critical thinking skills to conduct research, solve problems, and make informed decisions using appropriate technological tools and resources.</i></p> <p><i>Uses a variety of skills and strategies to comprehend nonfiction and informational text</i></p>	<p>Grades 6-8 <i>Asterisk indicated skills taught in 6th grade technology class*</i></p> <p>Digital Citizenship</p> <ul style="list-style-type: none"> ● Recognizes copyright law* ● Uses citation tools* ● Identifies consequences of plagiarism in school and beyond* ● Identifies fair use* ● Choose settings in account profiles that protect personal information when online* ● Uses etiquette considering global audience when communicating digitally * ● Describes the concept of a digital footprint* ● Interact and collaborate with peers, experts and others using technology* ● Debate legal and ethical uses of file sharing ● Discuss the effects of existing and emerging technology on the global community ● Analyze how cultures and groups value technology differently and how these values influence the development and acceptance of technology <p>Technology</p> <ul style="list-style-type: none"> ● Uses quick fix tips to troubleshoot basic computer errors* ● Explore tools to help with personal learning styles (organization tools like stickies and calendars,, speech features for text, highlighting, etc)* ● Use online collaboration tools to complete a task* ● Use collaborative electronic communications to explore, share, and publish with other learners around the world* ● Describe digital tools that help connect with personal interests* ● Personalize screen real estate for productivity and efficiency* ● Keys with effective rate and accuracy to capture a free flow of thoughts* ● Defends against SPAM, Phishing, and other digital scams/solicitations in email and other social media* <p>Information Literacy</p> <ul style="list-style-type: none"> ● Uses the research process to investigate ideas ● Uses search strategies to locate resources to match/broaden/narrow research topic ● Uses information from a variety of sources, both print and electronic

<p><i>Utilizes digital tools and resources to investigate real-world issues, answer questions, or solve problems</i></p> <p><i>Understands the legal and ethical issues of technology as related to individuals, cultures, and societies</i></p> <p>Love of Reading <i>Reads for a variety of purposes and across content areas</i></p> <p><i>Independently reads a significant number of books and texts each year (fiction, nonfiction, and variety of genres)</i></p>	<ul style="list-style-type: none"> ● Locates specific information within a source ● With guidance, conducts Internet searches using a variety of search engines and databases to access information ● Synthesizes information to make personal meaning ● Creates new ideas/products as a result of research process <p>Love of Reading</p> <ul style="list-style-type: none"> ● Refers to blogs, websites, best selling lists, online books clubs and other online and print resources that help guide literature choices ● Evaluates grade appropriate quality literature ● Identifies genres of interests ● Makes connections with others to share love of reading ● Reads from a variety of formats including digital and print resources
<p>9-12 Digital Citizenship <i>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.</i></p> <p><i>Demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.</i></p> <p>Technology <i>Apply digital tools to gather, evaluate, and use information.</i></p> <p><i>Demonstrate a sound understanding of technology concepts, systems and operations</i></p> <p>Information Literacy <i>Engages in the informational literacy process: accesses, evaluates, and communicates information and ideas</i></p> <p><i>Applies digital tools to gather, evaluate and use information</i></p> <p><i>Uses a variety of skills and strategies to comprehend nonfiction and informational text</i></p>	<p>Grades 9-12 Digital Citizenship</p> <ul style="list-style-type: none"> ● 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 ● Explain the impact of digital footprint to both personal and professional settings ● Identify the intellectual property rights of personal content <p>Technology</p> <ul style="list-style-type: none"> ● Chooses technology tools to create digital content for information and/or expression ● Apply digital tools to gather, evaluate, and use information ● Utilize a working knowledge of technology or technology support services to identify problems/issue and its solution <p>Information Literacy</p> <ul style="list-style-type: none"> ● Executes strategies to efficiently and effectively access information ● Determines scope, depth and potential usefulness of more advanced and diverse resources ● Defends information on the basis of accuracy, validity, credibility, bias, and date of publication ● Follows ethical and legal guidelines in gathering and using information <p>Love of Reading</p> <ul style="list-style-type: none"> ● Makes connections with others to share love of reading ● Refers to blogs, websites, best selling lists, online books clubs, and other online and print resources that help guide literature choices ● Engages in technical reading ● Evaluates grade appropriate quality literature

Applies digital tools to gather, evaluate, and use information

Understands human, cultural, and societal issues related to technology and practice legal and ethical behavior

Love of Reading

Reads for a variety of purposes and across content areas

Independently reads a significant number of books and texts each year (fiction, nonfiction, and variety of genres)