

Van Meter Community School 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
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- 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 <hr/> <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

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
- Apply advanced formatting techniques
- Sequence animation to produce a digital story

	<ul style="list-style-type: none"> • 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><i>Utilizes digital tools and resources to investigate real-world issues, answer</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 • Locates specific information within a source • With guidance, conducts Internet searches using a variety of search engines and

<p><i>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"> 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</p> <p>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><i>Applies digital tools to gather, evaluate, and use information</i></p> <p><i>Understands human, cultural, and societal issues related to</i></p>	<p>Grades 9-12</p> <p>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

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)