TECHNOLOGY STANDARDS

Kindergarten Technology Standards

Creativity and Innovation
With Assistance
- Create an original work as a means of personal or group expression

Communication and Collaboration
With Assistance
- Participate in one or more curriculum related projects

Research and Information Fluency
With Assistance

Critical Thinking, Problem Solving and Decision Making
With Assistance

Digital Citizenship
With Assistance
- Follow teacher instruction
- Demonstrate care and respect for technology
- Understand consequences for misuse of technology
- Understand and abide by the MVSD Acceptable Use Policy

Technology Operation and Concepts
With Assistance
- Log out computer
- Begin to identify basic parts of the computer by name
- Recognize and use some desktop/toolbar and icons
- Manipulate cursor with touch pad or mouse
- Begin to use some navigation tools (i.e. click, drag, drop, scroll)
- Utilize basic text and graphic tools

Kindergarten Common Core Standards

CCSS.ELA-Literacy.W.K.6 With guidance and support from adults, explore a variety of digital tools to produce and publish writing, including in collaboration with peers.

First Grade Technology Standards

Creativity and Innovation
With Assistance
- Create an original work as a means of personal or group expression

Communication and Collaboration
With Assistance
- Participate in one or more curriculum related projects
- Understand that the Internet is a way a computer is connected to the rest of the world

Research and Information Fluency
With Assistance
- Access links on the library website

Critical Thinking, Problem Solving and Decision Making
With Assistance
- Participate in activities using interactive, curriculum appropriate websites

Digital Citizenship
With Assistance
- Follow teacher instruction
- Demonstrate care and respect for technology
- Understand consequences for misuse of technology
- Understand and abide by the MVSD Acceptable Use Policy

Technology Operation and Concepts
With Assistance
- Log out computer
- Know basic parts of the computer by name
- Recognize and use some desktop/toolbar and icons
- Manipulate cursor with touch pad or mouse
- Use navigation tools (click, drag, drop, scroll)
- Utilize basic text and graphic tools

First Grade Common Core Standards

CCSS.ELA-Literacy.W.1.6 With guidance and support from adults, use a variety of digital tools to produce and publish writing, including in collaboration with peers.

CCSS.ELA-Literacy.RI.1.5 Know and use various text features (e.g., headings, tables of contents, glossaries, electronic menus, icons) to locate key facts or information in a text.

Second Grade Technology Standards

Creativity and Innovation
With Assistance
- Create an original work as a means of personal or group expression

Communication and Collaboration
With Assistance
- Print or publish completed work
- Participate in one or more curriculum related projects

Research and Information Fluency
Independently
- Access links on the library website

With Assistance
- Access online references
- Identify nonfiction text structures in digital formats

Critical Thinking, Problem Solving and Decision Making
With Assistance
- Participate in activities using interactive, curriculum appropriate websites

Digital Citizenship
Independently
- Follow teacher instruction
- Demonstrate appropriate behavior for technology use and show respect for technology equipment
- Understand consequences for misuse of technology

With Assistance
- Discuss plagiarism issues
- Understand and abide by the MVSD Acceptable Use Policy

Technology Operation and Concepts
Independently
- Turn on the computer
- Log in/out computers
- Put computer away properly

With Assistance
- Know basic parts of the computer by name
- Recognize and use desktop toolbar, icons, and menus
- Type text
- Manipulate cursor with touch pad or mouse
- Print with permission
- Explore formatting features (text styles, colors, fonts, and size)
- Explore spell check function
- Use navigation tools (click, drag, drop, scroll)
- Utilize basic text and graphic tools
- Open files or application

Second Grade Common Core Standards

CCSS.ELA-Literacy.W.2.6 With guidance and support from adults, use a variety of digital tools to produce and publish writing, including in collaboration with peers.

CCSS.ELA-Literacy.RI.2.5 Know and use various text features (e.g., captions, bold print, subheadings, glossaries, indexes, electronic menus, icons) to locate key facts or information in a text efficiently.

CCSS.ELA-Literacy.SL.2.5 Create audio recordings of stories or poems; add drawings or other visual displays to stories or recounts of experiences when appropriate to clarify ideas, thoughts, and feelings.

Third Grade Technology Standards

Creativity and Innovation
With Assistance
- Create original works as a means of personal or group expression

Communication and Collaboration
With Assistance
- Print or publish completed work
- Create one or more curriculum related projects

Research and Information Fluency
Independently
- Access links on the library website
- Access online references

With Assistance
- Locate a book using an online catalog
- Use effective search strategies to locate information including keyword search strategies

Critical Thinking, Problem Solving and Decision Making
With Assistance
- Select and use the appropriate tools and digital resources to accomplish a variety of tasks and to solve problems
- Use information and technology collaboratively and creatively to answer a question, solve a problem, or enrich understanding

Digital Citizenship
Independently
- Follow teacher instruction
- Demonstrate appropriate behavior for technology use and show respect for technology equipment
- Understand consequences for misuse of technology

With Assistance
- Discuss plagiarism issues
- Understand and abide by the MVSD Acceptable Use Policy
- Practice safe, legal and responsible use of information and technology

Technology Operation and Concepts
Independently
- Turn on the computer
- Log in/out computers
- Put computer away properly
- Know basic parts of the computer by name
- Recognize and use desktop toolbar, icons, and menus
- Type text into a word processing document
- Manipulate cursor with touch pad or mouse
- Print with permission

Technology Operation and Concepts (continued)

With Assistance

- Use formatting features purposefully (text styles, colors, fonts, and size)
- Explore spell check function
- Copy, cut, and paste
- Utilize basic text and graphic tools
- Move between two or more applications
- Find and open files or application
- Insert graphics into a document
- Save files to a specified location
- Manipulate images
- Begin formal keyboarding training
- Follow print protocols
- Students could start to use own username and password when logging in

Third Grade Grade Common Core Standards

CCSS.ELA-Literacy.W.3.6 With guidance and support from adults, use technology to produce and publish writing (using keyboarding skills) as well as to interact and collaborate with others.

CCSS.ELA-Literacy.W.3.8 Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories.

CCSS.ELA-Literacy.RI.3.5 Use text features and search tools (e.g., key words, sidebars, hyperlinks) to locate information relevant to a given topic efficiently.

CCSS.ELA-Literacy.SL.3.5 Create engaging audio recordings of stories or poems that demonstrate fluid reading at an understandable pace; add visual displays when appropriate to emphasize or enhance certain facts or details.

Fourth Grade Technology Standards

Creativity and Innovation
With Assistance
- Apply existing knowledge to generate new ideas, products, or processes
- Create original works as a means of personal or group expression

Communication and Collaboration
With Assistance
- Communicate electronically with students/teachers/experts
- Collaborate, publish, or present with peers using a variety of digital media

Research and Information Fluency
Independently
- Access links on the library website
- Access online references
- Locate a book using an online catalog

With Assistance
- Use effective search strategies to locate information including keyword search strategies
- Understand basic domain name endings (e.g., .com, .org, .gov, .us, .net)

Critical Thinking, Problem Solving and Decision Making
With Assistance
- Select and use the appropriate tools and digital resources to accomplish a variety of tasks and to solve problems
- Use information and technology collaboratively and creatively to answer a question, solve a problem or enrich understanding

Digital Citizenship
Independently
- Follow teacher instruction
- Demonstrate appropriate behavior for technology use and show respect for technology equipment
- Understand consequences for misuse of technology

With Assistance
- Understand plagiarism
- Identify and cite electronic sources
- Understand and abide by the MVSD Acceptable Use Policy
- Use approved or personal passwords appropriately
- Practice safe, legal, and responsible use of information and technology

Fourth Grade Technology Standards (Continued)

Technology Operation and Concepts

Independently
- Log in/out computers
- Know basic parts of the computer by name
- Recognize and use desktop toolbar, icons, and menus
- Type text into a word processing document
- Use formatting features purposefully (text styles, colors, fonts, and size)
- Find and open files or application correctly
- Spell check a document
- Insert graphics into a document
- Save files to a specified location
- Continue to develop formal keyboarding skills
- Students will use their own username and password to log in to computer

With Assistance
- Copy, cut, and paste
- Move between two or more applications
- Manipulate images
- Follow print protocols

Fourth Grade Common Core Standards

CCSS.ELA-Literacy.W.4.6 With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.

CCSS.ELA-Literacy.W.4.8 Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.

CCSS.ELA-Literacy.SL.4.5 Add audio recordings and visual displays to presentations when appropriate to enhance the development of main ideas or themes.

Fifth Grade Technology Standards

Creativity and Innovation
With Assistance
- Apply existing knowledge to generate new ideas, products, or processes
- Create original works as a means of personal or group expression

Communication and Collaboration
With Assistance
- Communicate electronically with students/teachers/experts
- Collaborate, publish, or present with peers using a variety of digital media

Research and Information Fluency
Independently
- Access links on the library website
- Access online references
- Locate a book using an online catalog

With Assistance
- Use URL's, bookmarks, and/or links to access the Internet
- Use effective search strategies to locate information
- Evaluate Internet resources for accuracy, credibility, and relevance
- Understand basic domain name endings (e.g., .com, .org, .edu, .gov, .us, .net)
- Use effective search strategies to locate information

Critical Thinking, Problem Solving and Decision Making
With Assistance
- Select and use the appropriate tools and digital resources to accomplish a variety of tasks and to solve problems
- Use information and technology collaboratively and creatively to answer a question, solve a problem or enrich understanding
- Compare and contrast information obtained from subscription databases and from open-ended search engines on the Internet

Digital Citizenship
Independently
- Follow teacher instruction
- Demonstrate appropriate behavior for technology use and show respect for technology equipment
- Understand consequences for misuse of technology

With Assistance
- Understand plagiarism
- Identify and cite electronic sources
- Understand and abide by the MVSD Acceptable Use Policy
- Practice responsible use of information and technology
- Recognize cyber-safety issues

Fifth Grade Technology Standards (Continued)

Technology Operation and Concepts

Independently
- Recognize and use desktop toolbar, icons, and menus
- Type text into a word processing document
- Use formatting features purposefully (text styles, colors, fonts, and size)
- Find and open files or application correctly
- Spell check a document
- Insert graphics into a document
- Save files to a specified location
- Continue to develop formal keyboarding skills
- Copy, cut, and paste
- Move between two or more applications
- Manipulate images
- Follow print protocols
- Know basic network terms (server, account etc.)
- Find and open files or applications
- Students will use their own username and password to log in to computer

With Assistance
- Use headers and footers in documents
- Recognize basic file extensions and what they identify (e.g., jpg. doc.)

Fifth Grade Common Core Standards

CCSS.ELA-Literacy.W.5.2a Introduce a topic clearly, provide a general observation and focus, and group related information logically; include formatting (e.g., headings), illustrations, and multimedia when useful to aiding comprehension.

CCSS.ELA-Literacy.W.5.6 With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of two pages in a single sitting.

CCSS.ELA-Literacy.SL.5.5 Include multimedia components (e.g., graphics, sound) and visual displays in presentations when appropriate to enhance the development of main ideas or themes.