

K-8 Technology Standards

Fall 2007

****DRAFT****

By the end of Kindergarten, in MSAD 71 schools, the student will be able to:

- Recognize parts of computer including printer (be able to point out the different parts)
- Ability to Log-in/Log-off
- Use of mouse (double click to open programs)
- Identify/find letters on keyboard
- Know what a CD is and how to load/eject

By the end of First Grade, in MSAD 71 schools, the student will be able to:

- Open file
- Print
- Save file
- Where to find toolbar in applications
- Know what the Internet is
- Navigate/layout scroll bar/use Internet Browser
- Develop application educational resources (EM)
- Drawing Program (pictures/graphing)

By the end of Second Grade, in MSAD 71 schools, the student will be able to:

- Know home row (speed/accuracy)
- Directed web searches
- Drawing Program (pictures/graphing)
- Save to the server, navigate network
- File types - help!
- Word Processing, Font, Colors, Spacing, Clip Art, Library (database), Computer Etiquette & Netiquette
- Demonstrate knowledge of how to use a DVD player, VCR, or other relevant media players

By the end of Third Grade, in MSAD 71 schools, the student will be able to:

- Keyboarding - 9 WPM
- Multi-tasking - Multi-tasking between different software programs (min/max)
- Internet Research - Citing sources
- Using Templates- Customize template
- Spellcheck
- OPAC - Use it to look up resources
- Communicate with others outside of the school via electronic communication (video chat, email, etc)

By the end of Fourth Grade, in MSAD 71 schools, the student will be able to:

- Keyboarding - 15 WPM
- Spreadsheets - Create table with data & Graphs – pie, bar, line
- Word Processing - Poetry and setting up letters
- Multimedia Presentations - words / images / transitions
- Using Templates - manipulate to get product
- Internet Research
- Other Databases - MARVEL/ Encyclopedia on-line
- Discuss responsible use of technology and consequences of misuse
- Use scanners, cameras, and other peripherals when creating projects

By the end of Fifth Grade, in MSAD 71 schools, the student will be able to:

- Keyboarding - 20 WPM
- Formatting - Paragraphing, double-spacing, indenting
- Multimedia Presentations - More depth...
- Internet Research - Continued Internet research
- Word Processing - More in depth
- Spreadsheets - Use of formulas in cells
- Evaluate the accuracy and/or bias in electronic information

By the end of Sixth Grade, in MSAD 71 schools, the student will be able to:

- Troubleshoot basic Hardware/Software/Printing errors
- Demonstrate use of projector with computer
- Identify popular files types by their extensions
- Online Safety and Awareness
- Create multimedia presentations
- Use spreadsheets to manipulate data and present it in graphical form
- Use online simulations and tools to explore ideas and curriculum concepts

By the end of Seventh Grade, in MSAD 71 schools, the student will be able to:

- Film, Edit, and Produce movie
- Work collaboratively with a peer via electronic communication to create a product for presentation
- Create and edit an audio presentation
- Develop products for audiences outside the classroom
- Research and discuss real world cases of ethical or legal cases involving technology

By the end of Eighth Grade, in MSAD 71 schools, the student will be able to:

- Use a variety of resources and media types from the Internet in an integrated presentation format
- Use the appropriate technology resources to accomplish tasks and solve problems

- Collaborate with peers, experts, and others using telecommunications and collaborative online tools to investigate curriculum-related topics and produce authentic products for evaluation outside the classroom
- Analyze information found on several different websites and discuss accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information sources