

<b><i>sPlatte County R3 Technology Standards</i></b>	<b><i>6<sup>th</sup> Grade</i></b>	<b><i>7<sup>th</sup> Grade</i></b>	<b><i>8<sup>th</sup> Grade</i></b>
1) Apply strategies for identifying and solving routine hardware and software problems that occur during everyday use. (NETS 1)	Introduce computer components/connectivity; Use of Ctrl-Alt-Del, Online Help, and Manual Usage. Select correct output device.	Develop concepts of computer components and connectivity; Use of Ctrl-Alt-Del, Online Help, and Manual Usage.	Master concepts of computer components and connectivity; Use of Ctrl-Alt-Del, Online Help, and Manual Usage.
2) Demonstrate knowledge of current changes in information technologies and the effect those changes have on the workplace and society. (NETS 2)	Usage of CD players, DVD players, VCR and telecom show and tell (new technology).	Usage of smart board, document camera, LCD projector, and telecom show and tell (new technology).	Usage of video files, digital cameras, copier/scanner, and telecom show and tell (new technology).
3) Exhibit legal and ethical behaviors when using information and technology and discuss consequences of misuse. (NETS 2)	Understand AUP, plagiarism, appropriate usage, and consequences of misuse. Document research sources.	Understand AUP, plagiarism, appropriate usage, and consequences of misuse. Document research sources using a given citation format.	Understand AUP, plagiarism, appropriate usage, and consequences of misuse. Document research sources using a given citation format.
4) Use content-specific tools, software, and simulations (e.g., environmental probes, graphing calculators, exploratory environments, Web tools) to support learning and research. (NETS 3, 5)	Use of tools and software integrated with regular classroom learning	Use of tools and software integrated with regular classroom learning	Use of tools and software integrated with regular classroom learning
5) Apply productivity/multimedia tools and peripherals to support personal productivity, group collaboration, and learning throughout the curriculum. (NETS 3, 6)	Use of Word in applications. Use of PowerPoint with pictures, clip art, and notes pages. Continue improving presentation skills.	Use of Word in applications. Develop intermediate PowerPoint skills with animation, slide transition, edited pictures/clip art, hyperlinks, basic timing, and notes pages. Continue improving presentation skills.	Use of Word in applications. Develop advanced PowerPoint skills with advanced timing, notes pages, hypertext/hyperlinking, video, and sound files. Continue improving presentation skills.
6) Design, develop, publish, and present products (e.g., Web pages, videotapes) using technology resources that demonstrate and communicate curriculum concepts to audiences inside/outside the classroom. (NETS 4, 5, 6)	Introduction to Publisher (flyer and greeting card) with use of basic tools and no templates	Use of intermediate skills in Publisher (tri-fold, calendar, and newsletter) with use of templates	Introduction to html, web pages, video files, and Advanced Publisher (business cards, resume, and tri-fold)
7) Collaborate with peers, experts, and others using telecommunications and collaborative tools to investigate curriculum-related problems, issues, and information, and to develop solutions or products for audiences inside and outside the classroom. (NETS 4, 5)	Blogging (Communication within Student to Student Pairs – classroom contained)	Classroom Contained Communication/ Discussion Forum (possible creation of portfolio)	Classroom Contained Communication/ Discussion Forum (possible creation of portfolio)
8) Select and use appropriate tools and technology resources to accomplish a variety of tasks and solve problems. (NETS 5, 6)	Keyboarding Goal 30 WPM w/90-100% Accuracy	Keyboarding Goal 35 WPM w/90-100% Accuracy	Keyboarding Goal 40 WPM w/90-100% Accuracy
9) Demonstrate understanding of concepts underlying hardware, software, connectivity, and of practical applications to learning/problem solving. (NETS 1, 6)	Introduction to Excel (inserting information into cells and basic vocabulary)	Introduction to Excel (formatting cells, basic formulas, and graphing)	Software Synthesis Project and Excel Project (i.e., budget with graphs)
10) Research and evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information sources concerning real-world problems. (NETS 2, 5, 6)	Identify and explain viewpoints conveyed in various media (e.g., videos, web-sites, etc.).	Identify and explain media techniques used to convey messages in various media (e.g., videos, web-sites, etc.).	Analyze and synthesize two or more messages conveyed in various media (e.g., videos, web-sites, etc.).

<b><i>Platte County R3 Technology Standards</i></b>	<b><i>Kindergarten</i></b>	<b><i>1<sup>st</sup> Grade</i></b>	<b><i>2<sup>nd</sup> Grade</i></b>
1) Use input devices (e.g., mouse, keyboard, remote control) and output devices (e.g., monitor, printer) to successfully operate computers, VCRs, audiotapes, and other technologies. (NETS 1)	Find letters on keyboard. Identify mouse, keyboard, number keypad, enter key, monitor, printer, and headphones. Identify and use power button, play, pause, stop, and eject on VCR/DVD players and audio/CD player.	Introduction to keyboarding software (e.g., Type to Learn). Identify and use mouse, keyboard, monitor, printer, number keypad, enter key, and headphones. Use remote control for VCR/DVD player and audio/CD player.	Use shift key, numbers, symbols, and punctuation keys. Be able to login by themselves. Type basic sentences and spelling words.
2) Use a variety of media and technology resources for directed and independent learning activities. (NETS 1, 3)	Use computer, CD/audio equipment, Smartboard, etc., with assistance	Use computer, CD/audio equipment, Smartboard, VCR/DVD player, with assistance	Use computer, CD/audio equipment, Smartboard, VCR/DVD player, with assistance
3) Communicate about technology using developmentally appropriate and accurate terminology. (NETS 1)	Explain use of technology in the classroom using terminology from #1 above and show evidence of application.	Explain use of technology in the classroom using terminology from #1 above and show evidence of application.	Explain use of technology in the classroom using terminology from #1 above and show evidence of application.
4) Use developmentally appropriate multimedia resources (e.g., interactive books, educational software, elementary multimedia encyclopedias) to support learning. (NETS 1)	Develop awareness of resources on topics of interest.	Find resources on topics of interest (with assistance).	Formulate keywords and questions (with assistance) to locate resources on topics of interest.
5) Work cooperatively and collaboratively with peers, family members, and others when using technology in the classroom. (NETS 2)	Use VCR/DVD, CD/audio, Smartboard, computers, etc. in stations of whole group.	Use VCR/DVD, CD/audio, Smartboard, computers, etc. in stations of whole group.	Use VCR/DVD, CD/audio, Smartboard, computers, etc. in stations of whole group.
6) Demonstrate positive social and ethical behaviors when using technology. (NETS 2)	Use of kind words and appropriate pictures when using technology and understand that credit should be given for others' ideas.	Use of kind words and appropriate pictures when using technology and understand that credit should be given for others' ideas.	Understand AUP and consequences of inappropriate usage. Understand that credit should be given for others' ideas.
7) Practice responsible use of technology systems and software. (NETS 2)	Use computer components/classroom software according to AUP.	Use computer components/classroom software according to AUP.	Use computer components/classroom software according to AUP.
8) Create developmentally appropriate multimedia products with support from teachers, family members, or student partners. (NETS 3)	Use appropriate multimedia products (e.g., Kid-Pix, Smartboard, Storybook Weavers, Buggles, etc. (whole group, small group, centers).	Keyboarding Goal 5 WPM w/90-100% Accuracy. Use appropriate multimedia products (e.g., Kid-Pix, Smartboard, Storybook Weavers, Buggles, etc. (whole group, small group, centers).	Keyboarding Goal 10 WPM w/90-100% Accuracy. Use appropriate multimedia products (e.g., Kid-Pix, Smartboard, Storybook Weavers, Buggles, etc. (whole group, small group, centers).
9) Use technology resources (e.g., puzzles, logical thinking programs, writing tools, digital cameras, drawing tools) for problem solving, communication, and illustration of thoughts, ideas, and stories. (NETS 3, 4, 5, 6)	Use developmentally appropriate classroom software.	Use developmentally appropriate classroom software.	Use developmentally appropriate classroom software.
10) Gather information and communicate with others using telecommunications, with support from teachers, family members, or student partners. (NETS 4)	Identify (with assistance) topics of messages conveyed through media.	Identify (with assistance) topics of messages conveyed through media.	Identify (with assistance) topics of messages conveyed through media.

<b>Platte County R3 Technology Standards</b>	<b>3<sup>rd</sup> Grade</b>	<b>4<sup>th</sup> Grade</b>	<b>5<sup>th</sup> Grade</b>
1) Use keyboards and other common input and output devices (including adaptive devices when necessary) efficiently and effectively. (NETS 1)	Independently use computer components, VCR/DVD players, and audio/CD players.	Introduce troubleshooting for computer components including Control-Alt-Delete. Select correct output device.	Introduce troubleshooting for computer components including Control-Alt-Delete. Select correct output device.
2) Discuss common uses of technology in daily life and the advantages and disadvantages those uses provide. (NETS 1, 2)	Discuss uses of household digital devices (e.g., microwave, coffeemaker, alarm clock, TV)	Discuss ways that everyday technology has changed life.	Discuss ways that everyday technology has changed community, work, government, and the world.
3) Discuss basic issues related to responsible use of technology and information and describe personal consequences of inappropriate use. (NETS 2)	Informally give credit to others' ideas, images, and information found in resources.	Discuss safe and mannerly use of chat rooms, email, blogging, texting, cell-phones, MP3s, etc. Informally give credit for others' ideas, images, and information found in various resources.	Discuss safe and mannerly use of chat rooms, email, blogging, texting, cell-phones, MP3s, etc. Informally give credit for others' ideas, images, and information found in various resources.
4) Use general purpose productivity tools and peripherals to support personal productivity, remediate skill deficits, and facilitate learning throughout the curriculum. (NETS 3)	Use Word (basic usage such as opening programs, saving, and opening documents in home directory).	Use Word (page formatting from File/Page Setup).	Use Word (Mastery of page formatting from File/Page Setup).
5) Use technology tools (e.g., multimedia authoring, presentation, Web tools, digital cameras, scanners) for individual and collaborative writing, communication, and publishing activities to create knowledge products for audiences inside and outside the classroom. (NETS 3, 4)	Whole-group instruction of basics of PowerPoint.	Develop basic PowerPoint skills with pictures and clipart along with basic presentation skills.	Develop basic PowerPoint skills with pictures and clipart along with basic presentation skills.
6) Use telecommunications efficiently and effectively to access remote information, communicate with others in support of direct and independent learning, and pursue personal interests. (NETS 4)	Blogging (Communication and discussion Teacher to Student and back)	Blogging (Communication and discussion Teacher to Student and back)	Blogging (Communication within Student to Student Pairs –classroom contained).
7) Use telecommunications and online resources (e.g., e-mail, online discussions, Web environments) to participate in collaborative problem-solving activities for the purpose of developing solutions or products for audiences inside and outside the classroom. (NETS 4, 5)	Formulate keywords and questions to investigate topics and locate information using the keywords.	Formulate and research keywords and questions to establish a focus and purpose for inquiry.	Develop research questions in order to establish a focus and purpose for a project.
8) Use technology resources (e.g., calculators, data collection probes, videos, educational software) for problem solving, self-directed learning, and extended learning activities. (NETS 5, 6)	Keyboarding Goal 15 WPM w/90-100% Accuracy. Use developmentally appropriate classroom software.	Keyboarding Goal 20 WPM w/90-100% Accuracy. Use developmentally appropriate classroom software.	Keyboarding Goal 25 WPM w/90-100% Accuracy. Use developmentally appropriate classroom software.
9) Determine when technology is useful and select the appropriate tool(s) and technology resources to address a variety of tasks and problems. (NETS 5, 6)	Locate and use various resources to find information on keywords and questions.	Locate and use various resources to find information on keywords and questions.	Locate/use various resources to acquire information to answer questions.
10) Evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information sources. (NETS 6)	Identify intended messages conveyed through media.	Identify and explain intended messages conveyed through media. Identify relevant information to record main ideas and important details.	Analyze messages conveyed in various media (e.g., videos, pictures, web-sites, artwork, plays, and/or news programs).