

Technology
Hinsdale School District

Grade Level: Two

Standard: Basic Operations and Concepts

Goal: Students demonstrate a sound understanding of the nature and operation of technology systems.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students describe how to use basic input devices (e.g. keyboard fingering and mouse or trackpad manipulation), output devices (e.g. monitor and printer use), and software resources (e.g. diskette, CD-ROM use).</p>	<p>Classroom Discussion</p>	<p>Chart paper</p>	<p>Teacher Observation</p>
<p>Students name common technology found in homes (e.g. VCRs, tape or digital recorder, CD player, digital still and video cameras, radios, telephones).</p>	<p>Classroom Discussion</p>	<p>Chart Paper</p>	<p>Teacher Observation</p>
<p>Students identify functions represented by symbols and icons commonly found in application programs (e.g., font, size, bold, underline, alignment, color of type).</p>	<p>Grade 2 Technology – Microsoft Word Level 1 Technology Summary: Students are introduced to the Microsoft Word application. Students learn the names of common items found within the application and how to move around within the application. Students learn concepts such as maximize, minimize, open, and close. Students are shown how to open the application, type in text, save a file, and close the application.</p>	<p>K to the 8th Power Website (www.kto8.com) Computer</p>	<p>K to the 8th Power Website Teacher Observation</p>

Technology
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Grade Level: Two

Standard: Basic Operations and Concepts

Goal: Students are proficient in the use of technology.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students recognize functions of basic file menu commands (e.g. new, open, close, save, save as, print) and folders to manage and maintain computer files on a hard drive or other storage medium (e.g. diskette, CD-ROM).</p>	<p>Grade 2 Technology Word Processing: Microsoft Word Level 1 Technology Summary: Students are introduced to the Microsoft Word application. Students learn the names of common items found within the application and how to move around within the application. Students learn concepts such as maximize, minimize, open, and close. Students are shown how to open the application, type in text, save a file, and close the application.</p>	<p>K to the 8th Power Website Computer Microsoft Word</p>	<p>K to the 8th Power Website Teacher Observation Finished Product</p>

Technology
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Grade Level: Two

Standard: Concepts and Operations

Goal: Students are proficient in the use of technology.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students recognize accurate terminology to describe hardware, software, multimedia devices, storage media, and peripherals, and can identify the basic functions of technology resources (hardware and software) commonly used in early elementary classrooms.</p>	<p>Grade 2 Computer Components</p> <p>Matching Game</p> <p>Class Discussion</p>	<p>K to the 8th Power Website Computer</p> <p>Matching game</p>	<p>K to the 8th Power Website</p> <p>Teacher Observation</p>

Technology
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Grade Level: Two

Standard: Social, Ethical, and Human Issues

Goal: Students understand the ethical, cultural, and societal issues related to technology.

Knowledge & Skills	Activities	Resources & Materials	Assessments
Students identify common uses of information and communication technology in the community and in daily life.	Classroom Discussion	Chart paper, Overhead, Projector, or Kidspiration	Teacher Observation

Technology
Hinsdale School District

Grade Level: Two

Standard: Social, Ethical, and Human Issues

Goal: Students practice responsible use of technology systems, information, and software.

Knowledge & Skills	Activities	Resources & Materials	Assessments
Students recognize that copyright affects how one can use technology systems, information, and software resources.	Classroom Discussion	Chart paper, Overhead, Projector, or Kidspiration	Teacher Observation

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Grade Level: Two

Standard: Social, Ethical, and Human Issues

Goal: Students develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students describe acceptable and unacceptable computer etiquette and demonstrate how to work cooperatively with peers, family members, and others when using technology in the classroom or at home.</p>	<p>Classroom Discussion</p>	<p>Chart paper, Overhead, Projector, or Kidspiration</p>	<p>Teacher Observation</p>

Technology
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Grade Level: Two

Standard: Technology Productivity Tools

Goal: Students use technology tools to enhance learning, increase productivity, and promote creativity.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students know how to use word processing, drawing tools, presentation software, concept mapping software, graphing software, and other productivity software to illustrate concepts and convey ideas.</p>	<p>Grade 2 Technology Presentation Microsoft PowerPoint Level 1 Technology Summary: Students are introduced to the Microsoft PowerPoint presentation application. Students learn how to open PowerPoint and how to move around within PowerPoint. Students learn about the different windows and commonly used PowerPoint terms. Students build slides to create a three page presentation.</p> <p>Grade 2 Reading Functional Words – Sea Animals Lesson Summary: Students will learn the names for eight sea animals: fish, shark, whale, starfish, jellyfish, crab, eel, and octopus. They will see two pictures of each word and hear four sentences describing the pictures. The functional word is highlighted in red in each sentence. Students play matching games to review and practice what they have learned.</p> <p>Technology Summary: Students will create a picture using words from their lesson with Kid Pix. They will find a background, then use the sticker button to paste pictures of the words from their lesson onto the background. They will then add sound to their page.</p>	<p>K to the 8th Power Website Computer Microsoft PowerPoint</p> <p>K to the 8th Power Website Computer Kidpix</p>	<p>K to the 8th Power Website Teacher Observation Finished Product</p>

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Grade Level: Two

Standard: Technology Productivity Tools

Goal: Students use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students know how to work together to collect and create pictures, images, and charts for development of word processing reports and electronic presentations.</p>	<p>Grade 2 Technology Presentation Microsoft PowerPoint Level 1 Technology Summary: Students are introduced to the Microsoft PowerPoint presentation application. Students learn how to open PowerPoint and how to move around within PowerPoint. Students learn about the different windows and commonly used PowerPoint terms. Students build slides to create a three page presentation.</p>	<p>K to the 8th Power Website Computer</p>	<p>K to the 8th Power Website Teacher Observation Finished Product</p>

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Grade Level: Two

Standard: Technology Communications Tools

Goal: Students use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students with assistance from teacher, parents, or student partners, identify procedures for safely and securely using telecommunications tools (e.g., e-mail, bulletin boards, newsgroups) to read, send, or post electronic messages for peers, experts, and other audiences.</p>	<p>Classroom Discussions</p>	<p>Chart paper/overhead/ projector/computer/ Kidspiration</p>	<p>Teacher Observation</p>

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Hinsdale School District

Grade Level: Two

Standard: Technology Communication Tools

Goal: Students use a variety of media and formats to communicate information and ideas effectively to multiple audiences.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students know how to use a variety of developmentally appropriate medias (e.g., presentation software, newsletter templates, and Web pages as resources for clip art, music, and information resources) to communicate ideas relevant to the curriculum to their classmates, families, and others.</p>	<p>Grade 2 Technology Presentation Microsoft PowerPoint Level 1 Technology Summary: Students are introduced to the Microsoft PowerPoint presentation application. Students learn how to open PowerPoint and how to move around within PowerPoint. Students learn about the different windows and commonly used PowerPoint terms. Students build slides to create a three page presentation.</p> <p>Grade 2 Technology – Introduction to Using the Internet Beginners Technology Summary: Students will be introduced to the concept of searching the Internet. They will begin to learn about and visit specific Web sites, Web directories, and search engines. The students will learn how to perform simple Web searches and how to refine their searches by including the (-) and (+) signs in their queries. This lesson includes several step-by-step demonstration videos on how to use search engines. The students will play a warm-up game to introduce them to terms they will see in the lesson.</p>	<p>K to the 8th Power Website Computer PowerPoint</p> <p>Web Browser</p>	<p>K to the 8th Power Website Teacher Observation</p>

Technology
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Grade Level: Two

Standard: Technology Research Tools

Goal: Students use technology to locate, evaluate, and collect information from a variety of sources.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students, with assistance from teacher, parents, or student partners, identify steps for using technology resources such as CD-ROMs (reference or educational software) and Web-based search engines to locate information on assigned topics in the curriculum.</p>	<p>Grade 2 Technology – Introduction to Using the Internet Beginners Technology Summary: Students will be introduced to the concept of searching the Internet. They will begin to learn about and visit specific Web sites, Web directories, and search engines. The students will learn how to perform simple Web searches and how to refine their searches by including the (-) and (+) signs in their queries. This lesson includes several step-by-step demonstration videos on how to use search engines. The students will play a warm-up game to introduce them to terms they will see in the lesson.</p>	<p>K to the 8th Power Website Computer</p>	<p>K to the 8th Power Website Teacher Observation</p>

Technology
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Grade Level: Two

Standard: Technology Research Tools

Goal: Students use technology tools to process data and report results.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students, with assistance from the teacher, know how to use existing common databases (e.g., library catalogs, online archives, electronic dictionaries, encyclopedias) to locate, sort, and interpret information on assigned topics in the curriculum.</p>	<p>Teacher Modeling</p>	<p>Computer Software Web sites</p>	<p>Teacher Observation</p>

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Grade Level: Two

Standard: Technology Research Tools

Goal: Students evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students identify technology resources (e.g., simple conceptual mapping software, drawing software) to show steps in a sequence to demonstrate likenesses and differences, and to recognize, record, and organize information related to assigned curricular topics.</p>	<p>Classroom Discussions</p>	<p>Chart paper/overhead/ projector/computer/ Kidspiration</p>	<p>Teacher Observation</p>

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Grade Level: Two

Standard: Technology Problem-Solving and Decision-Making Tools

Goal: Students use technology resources for solving problems and making informed decisions.

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students know how to select information and communication technology tools and resources that can be used to solve particular problems (e.g., concept mapping software to generate and organize ideas for a report, illustrate same, or different, or indicate sequence of a story; a drawing program to make a picture; presentation software to communicate and illustrate ideas; a graph program to organize and graph programs to organize and display data, a Web browser and search engine to locate needed information).</p>	<p>Classroom Discussions</p>	<p>Chart paper/overhead/ projector/computer/ Kidspiration</p>	<p>Teacher Observation</p>

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Grade Level: Two

Standard: Technology Problem-Solving and Decision-Making Tools

Goal: Students employ technology in the development of strategies for solving problems in the real world.

Knowledge & Skills	Activities	Resources & Materials	Assessments
Students identify ways that technology has been used to address real world problems.	Classroom Discussions	Chart paper/overhead/ projector/computer/ Kidspiration	Teacher Observation