

Technology
Hinsdale School District

Grade Level: Kindergarten

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>Recognize the major hardware components in a computer system (e.g., computer, monitor, mouse or trackpad, and keyboard), and identify the functions and care of them.</p> <p>Know how to use the mouse (or trackpad) to access an application, indicate a choice, or activate a hyperlink.</p> <p>Recognize symbols and icons used to identify common hardware and software functions within prepared materials (e.g., the arrow symbol as the icon for proceeding to the next page of curriculum-related software, underlined and colored text to represent a link).</p>	<p>Kindergarten Technology Computer Components Lesson</p> <p>Kindergarten Technology Computer Components Lesson</p> <p>Kindergarten Technology Computer Components Lesson</p>	<p>K to the 8th Power website (www.kto8.com) Computer Publisher</p> <p>K to the 8th Power website Computer Publisher</p> <p>K to the 8th Power website Computer Publisher</p>	<p>K to the 8th Power website</p> <p>K to the 8th Power website</p> <p>K to the 8th Power website</p>

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Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Know how to use the keyboard to type letters and numbers and know how to use special key functions (e.g., delete, shift, arrow keys, space bar).</p> <p>Identify basic care of the computer, monitor, keyboard, mouse and trackpad.</p>	<p>Kindergarten Technology Computer Components Lesson</p>	<p>K to the 8th Power website Computer Publisher</p>	<p>K to the 8th Power website</p>

Technology
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Grade Level: Kindergarten

Standard: Basic Operations and Concepts

Goal: Students are proficient in the use of technology. (information management)

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Know how to select applications and curriculum-related software associating icons with resources they wish to access (e.g., students understand that clicking on icons or hyperlinks may allow them to access applications, or Internet resources).</p>	<p>Using an LCD projector the teacher will model how to open applications by double clicking icons on the desktop. After the modeling students will practice using K to the 8th Power website.</p>	<p>K to the 8th Power website Computer LCD Projector</p>	<p>Teacher Observation</p>

Technology
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Grade Level: Kindergarten

Standard: Basic Operations and Concepts

Goal: Students are proficient in the use of technology. (terminology and problem solving)

Knowledge & Skills	Activities	Resources & Materials	Assessments
Correctly identify technology terminology that labels major technology hardware components (e.g., computer, monitor, keyboard, mouse or trackpad, printer).	Kindergarten Technology Computer Components Lesson	K to the 8 th Power website Computer	K to the 8 th Power website Teacher observation

Technology
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Grade Level: Kindergarten

Standard: Social, Ethical and Human Issues

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

Knowledge & Skills	Activities	Resources & Materials	Assessments
Identify a computer as a machine that helps people work, learn, communicate and play.	Brainstorm ways a computer helps people in their work, their learning, communicating and for leisure activities.	White board, chart paper	Teacher observation

Technology
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Grade Level: Kindergarten

Standard: Social, Ethical and Human Issues

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

Knowledge & Skills	Activities	Resources & Materials	Assessments
Recognize that using a password protects privacy of information.	Students will be assigned a password to use the K to the 8 th Power website. The teacher will explain the importance of passwords and why they are used and not shared with others.	K to the 8 th Power website Computer	Teacher observation

Technology
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Grade Level: Kindergarten

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>Recognize technology as a source of information, learning and entertainment.</p>	<p>Brainstorm a list of ways we use technology to gather information (eg. today's weather), learn (eg. K to the 8th Power website) and entertain (eg. using educational websites or applications to play games).</p>	<p>Chart paper, white board, SmartBoard or Word Computer or markers</p>	<p>Teacher observation</p>

Technology
Hinsdale School District

Grade Level: Kindergarten

Standard: Technology Productivity Tools

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

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Know how to navigate developmentally appropriate multimedia resources (e.g., interactive books, educational software, drawing and presentation programs) to support learning, productivity, and creativity.</p>	<p>Kindergarten Reading Beginning Consonant M</p> <p>Kindergarten Reading Functional Words Family</p>	<p>K to the 8th Power website Computer Paint</p> <p>K to the 8th Power website Computer Kidspiration</p>	<p>K to the 8th Power website</p> <p>K to the 8th Power website</p>

Technology
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Grade Level: Kindergarten

Standard: Technology Productivity Tools

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

Knowledge & Skills	Activities	Resources & Materials	Assessments
<p>Students, with assistance from teachers, parents, or student partners, know how to use developmentally appropriate technology tools to produce creative works.</p>	<p>Kindergarten Reading Beginning Consonant M</p> <p>Kindergarten Reading Functional Words Family</p>	<p>K to the 8th Power website Computer Paint</p> <p>K to the 8th Power website Computer Kidspiration</p>	<p>K to the 8th Power website</p> <p>K to the 8th Power website</p>

Technology
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Grade Level: Kindergarten

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
Students, with assistance from teacher, parents, or student partners, recognize and respond to a bulletin board (or email) posting projected on a large screen by their teacher.	Set up a situation with either another class in the building, such as a buddy class, or a class in another district, to send an email and then respond to it in a large group setting. (eg. invite a buddy class to a party, or to a book sharing time)	Computer LCD Projector	Teacher observation

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Grade Level: Kindergarten

Standard: Technology Communications 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>Identify media formats (e.g., text, clip art, photos, video, web pages, newsletters), demonstrated by their teacher, that are used to communicate ideas.</p>	<p>With an LCD projector the teacher will demonstrate media formats such as a newsletter s/he may send to parents, photographs taken with a digital camera of the students, discipline specific video from United Streaming or equal. The teacher will express that these formats are used to communicate with others.</p>	<p>Computer, digital camera, LCD projector, application such as: Word or Publisher.</p>	<p>Teacher observation</p>

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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, know how to access developmentally appropriate web resources preidentified (as a hyperlink) by their teacher or parents.</p>	<p>At the school website students will select links that the teacher has selected as appropriate for use. These links will be listed under the kindergarten class</p>	<p>www.hnhsd.org/~hes Computer</p>	<p>Teacher observation</p>

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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>Identify uses of common hardware components (e.g., monitor for viewing, keyboard for typing or selecting, earphones for hearing privately, drives for inserting storage diskette or CD).</p>	<p>As a warm up activity in the computer lab identify different components of the computer and their uses. Include: monitor for viewing, keyboard for typing or selecting, mouse for selecting and highlighting, earphones for hearing privately, CD-ROM to access information or music.</p>	<p>Computer, including monitor, keyboard, mouse, headphones.</p>	<p>Ask students to identify the components of the computer listed in the activities and tell about the uses of the components.</p>

Technology
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Grade Level: Kindergarten

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>Know how to use developmentally appropriate software focused on early learning problem-solving skills (e.g., matching, counting, ordering and sequencing patterns, sorting by shape or color, classification, hidden items, measurement, directional words, critical thinking, logic and prediction, same or different).</p>	<p>Kindergarten Math Number Sense 1, 2, 3 Number Sense 4,5,6 Number Sense 7, 8, 9, 10</p>	<p>K to the 8th Power website</p>	<p>K to the 8th Power</p>

Technology
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Grade Level: Kindergarten

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
Recognize how technology is used in their home or at school for learning and entertainment.	Brainstorm a list of ways technology is used for learning and entertainment in the home and school using a Venn diagram.	Chart paper or Word, SmartBoard, LCD projector	Teacher observation