Edgewood ISD Technology Benchmarks

Grade: Kindergarten	TEKS

Fall	**Major Products** **Students will create an original picture(s) with a title and their name. Products may include letters, words, phrases and/or sentences under study.**	___Identify and understand and demonstrate proper handling of a variety of available technology tools (diskette, CD-ROM, mouse, calculator, computer, tape recorder, etc.). ___Use capitalization, punctuation, numbers, word division, and symbols. ___Use technology terminology appropriate to the task (keyboard, mouse, CD-ROM, save, program, exit, etc.) ___Create, name, and save files ___ Use draw and paint tools for self-expression.
Spring	**Students will participate in an interactive electronic field trip(s) such as: campus-to-campus interactive videoconference(s) or interactive virtual field trip(s).**	___Create a multimedia product incorporating two or more media (ex. text/sound, text/art). ___Publish work (monitor or printed copy). ___Self-evaluate products. ___Use software features to evaluate work progress (ex. insert, replace, and delete) ___Create page layout to include student name, line spacing, titles, etc. (2D) ___Understand the concept of copyright in both published and personal work.

Edgewood ISD Technology Benchmarks

Grade: First	TEKS
Major Products **Fall** **Class book with original text/illustrations from students using KidPix or KidWorks.** **Spring** **Student will create an individual story using a word processing program. Student will illustrate their story by inserting clip art.**	___Identify and understand and demonstrate proper handling of a variety of available technology tools (diskette, CD-ROM, mouse, calculator, computer, tape recorder, etc.). ___Apply icon/keyword searches (locate information in dictionary or encyclopedia). ___Use capitalization, punctuation, numbers, word division, and symbols. ___Use technology terminology appropriate to the task (keyboard, mouse, CD-ROM, save, program, exit, etc.) ___Create, name, and save files ___ Use draw and paint tools for self-expression (Create pictures with more detail than K, title, and type name). ___Create a multimedia product incorporating two or more media (ex. text/sound, text/art). ___Publish work (monitor or printed copy). ___Self-evaluate products. ___Use software features to evaluate work progress (ex. insert, replace, and delete) ___Create page layout to include student name, line spacing, titles, etc. (2D) ___Apply icon/keyword searches (locate information in dictionary or encyclopedia). ___Understand the concept of copyright in both published and personal work.

Edgewood ISD Technology Benchmarks	
Grade: Second	**TEKS**

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Fall

Spring
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Major Products

Students will create a personal collage of themselves incorporating concepts learned in the foundations class. Example: creating tables in a word processing document, inserting pictures, creating a graph and importing in into the word processor.

Student will choose a topic of interest and use the Internet and/or other computer reference programs to create a small presentation for peers/teachers/parents.
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___Identify and understand and demonstrate proper handling of a variety of available technology tools (diskette, CD-ROM, mouse, calculator, computer, tape recorder, etc.).

___Turn equipment on/off and log in with password when appropriate.

___Able to restart computer when frozen.

___Demonstrate proper hand and body position when using the keyboard.

___Use technology terminology appropriate to the task (keyboard, mouse, CD-ROM, save, program, exit, etc.)

___Demonstrate an understanding of network terminology such as internet and server.

___Use software features to evaluate work progress (Spell Check, Grammar Check)

___Choose software appropriate to the activity.

___Demonstrate proper word processing mechanics such as spacing and centering.

___Type text and correct errors.

___Use draw and paint tools for self-expression.

___Create a multimedia product incorporating a layout (font, color, graphics)

___Use multimedia instructional software (Type to Learn, HyperStudio, Power Point, etc.)

___Select a resource that is appropriate to the task (dictionary, encyclopedia, atlas).

___Use multi-media and other communication tools to express ideas and problem solve (graphs, charts, slide shows, etc.).
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Edgewood ISD Technology Benchmarks

Grade: Third	TEKS
Major Products **Fall** **1. Students will create a graphic organizer(s) that illustrates a content area concept chosen by the teacher through the use of the Inspiration software program (graphic only).** **2. Students will publish a document(s)using Microsoft Word that details, explains, and expands on the graphic organizer referred to above (text only).** **Spring** **1. Students will create graphic organizer(s) that illustrate content area concept(s) chosen by the teacher with mind mapping software such as Kidsperation®.** **2. Students will create two multimedia presentations using Microsoft PowerPoint that illustrate, explain, and detail a major content area concept/skill under study.**	__Use technology terms appropriate to the task (keyboard, mouse, CD-ROM, save, program, exit, etc.) __Identify, understand, and demonstrate proper handling of a variety of available technology tools (diskette, CD_ROM, mouse, calculator, computer, tape recorder, digital camera, etc.) __Use word processing software to publish a document that details a concept. __Use software programs to illustrate an understanding of concepts using a graphic organizer. __Use rules of capitalization, spelling, punctuation, numbers, word divisions, and symbols. __Create, name, and save files. __Format font type, size, and bold (titles, subtitles, key terms, etc.) __Customize page setup to format features such as margin size, layout, print sources, etc.) __Self-evaluate products. __Publish products. __Use technology terms appropriate to the task (keyboard, mouse, CD-ROM, save, program, exit, etc.) __Use a digital camera to take pictures and save photo files. __Insert digital photo files into a document/presentation. __Open and close a software program. __Use appropriate technological transitions from one idea to another within a technology presentation.

Edgewood ISD Technology Benchmarks

Grade: Fourth	TEKS
Fall **Major Products** **1. Students will create a graphic organizer(s) that illustrates a content area concept under study the use of using the Inspiration® software program.** **2. Students will publish a document(s) using Microsoft Word that details, explains, and expands on a major content area concept/skill under study. The document should illustrate the students' all encompassing abilities to utilize all toolbar functions available such as inserting tables, formatting information, using columns, clipart, shadowing, etc.** **3. Students will create a multimedia presentation(s) using Microsoft PowerPoint that illustrates, explains, and details a major content area concept/skill under study. The project will need to include multimedia aspects such as digital photo images and audio files within the presentation.** **4. Students will participate in an interactive electronic field trip(s) such as: interactive video conferences, online broadcasts, virtual field trips, etc.**	Use technology terms appropriate to the task (keyboard, mouse, CD-ROM, save, program, exit, etc.) __Identify, understand, and demonstrate proper handling of a variety of available technology tools (diskette, CD_ROM, mouse, calculator, computer, tape recorder, digital camera, etc.) __Use word processing software to publish a document that details a concept. __Use software programs to illustrate an understanding of concepts using a graphic organizer. __Use rules of capitalization, spelling, punctuation, numbers, word divisions, and symbols. __Create, name, and save files. __Format font type, size, and bold (titles, subtitles, key terms, etc.) __Add tables, shadows, columns, clipart, etc. to a word processing document. __Customize page setup to format features such as margin size, layout, print sources, etc.) __Self-evaluate products. __Publish products. __Participate in interactive electronic learning communities. __Create digital audio and image files.

	Major Products	**4th Continued**

Spring

Major Products

1. Students will create simple, basic digital videos as a group project using Pinnacle's Studio 7 video editing software. The project should enhance or extend a content area /skill under study.

2. Students will create a multimedia presentation using Microsoft PowerPoint that illustrates, explains, and details a major content area concept/skill under study. The project will incorporate the uses of digital video learned previously into the multimedia presentation. Digital photo images and digital audio files will supplement the presentation.

3. Students will participate in an interactive electronic field trip such as: interactive videoconferences, online broadcasts, virtual field trips, etc.

4th Continued

__Use technology terms appropriate to the task (keyboard, mouse, CD-ROM, save, program, exit, etc.)

__Use digital video cameras to capture relevant educational clips to be incorporated into a group presentation.

__Identify, understand, and demonstrate proper handling of a variety of available technology tools (diskette, CD_ROM, mouse, calculator, computer, tape recorder, digital camera, digital video camera, etc.)

__Use word processing software to publish a document that details a concept.

__Use software programs to illustrate an understanding of concepts using a graphic organizer.

__Use rules of capitalization, spelling, punctuation, numbers, word divisions, and symbols.

__Create, name, and save files.

__Format font type, size, and bold (titles, subtitles, key terms, etc.)

__Customize page setup to format features such as margin size, layout, print sources, etc.)

__Self-evaluate products.   __Publish products.

__Use a digital camera to take pictures and save photo files.

__Insert digital photo files into a document/presentation.

__Open and close a software program.

__Use appropriate technological transitions from one idea to another within a technology presentation.

__Participate in interactive electronic learning communities.

__Create digital audio and image files.

__Use software programs to digitally capture and edit videos.

Edgewood ISD Technology Benchmarks

Grade: Fifth	TEKS
Major Products **Fall** **1. Students will participate in an interactive electronic field trip such as interactive videoconference (IVC), virtual field trip, electronic simulation, or other form of electronic communication with appropriate supervision.** **2. Students will collect and input data into a spreadsheet using *Microsoft Excel* to create various graphs.** **Spring** **1. Students will produce and edit individual video presentations using *Pinnacle Studio* software.** **2. Students will create an electronic portfolio of their work and projects using *PowerPoint*, *HyperStudio*, or other storage format.** **3. Students create presentations that demonstrate their understanding of:** • **How to access information using the internet,** • **the difference between intranet and internet, and /or** • **the importance of acceptable use policies.**	__Use communication tools to participate in group projects. __Use interactive technology environments, such as simulations, electronic science or mathematics laboratories, virtual museum field trips, or on-line interactive lessons, to manipulate information. __Participate with electronic communities as a learner, initiator, contributor, or mentor. __Use software programs with audio, video, and graphics to enhance learning experiences. __Use appropriate software to express ideas and solve problems including the use of word processing, graphics, databases, spreadsheets, simulations, and multimedia. __Use a variety of data types including text, graphics, digital audio, and video. __Use software programs with audio, video, and graphics to enhance learning experiences __Use appropriate software to express ideas and solve problems including the use of word processing, graphics, databases, spreadsheets, simulations, and multimedia. __Use a variety of data types including text, graphics, digital audio, and video. __Select representative products to be collected and stored in an electronic evaluation tool. __Evaluate the product for relevance to the assignment or task. __Create technology assessment tools to monitor progress of project such as checklists, timelines, or rubrics. __Follow acceptable use policies when using computers. __Model respect of intellectual property by not illegally copying software or another individual's electronic work. __Apply appropriate electronic search strategies in the acquisition of information including keyword and Boolean search strategies. __Select appropriate strategies to navigate and access information on local area networks (LANs) and wide area networks (WANs), including the internet and intranet, for research and resource sharing.