Blackhawk School District

CURRICULUM

Course Title:	**Computer**
Grade Level(s):	**Grade 3**
Length of Course:	**1 class (40 minutes) / 6 day cycle**
Faculty Author(s):	**Kim Steffanina**
Date:	**Spring 2009/ Revised May '09**

Computer / Business Department Mission Statement:

Beginning at an early age, all students are introduced and prepared to explore and utilize the ever-evolving 21st century technology skills with confidence. Students will apply necessary information technology and business skills to be highly successful and competitive in a global community.

COURSE DESCRIPTION:
Write Description of course (3-4 sentences stating what students will learn in this class)

Third grade computer class is designed to permit students to learn the basic hardware and software components of a computer system. Students will be able to describe the basic parts of a computer and how they are connected to other peripherals such as a monitor and printer. Students will use the operating system, word processing, presentation, spreadsheet, and learning software programs to solve content-area questions and problems. Students will learn to accurately touch type the alphabetic and specific-use keys to produce printed projects.

The following outline provides a general overview of the course content, not a chronological timetable. The weeks denoted for each area provide an idea for the overall time spent working with a given topic throughout the school year.

COURSE OUTLINE	OBJECTIVES (PA standard)	PROPOSED TIME / ACTUAL TIME	RESOURCES	LESSON REFLECTION (for future revisions)
Students will correctly log on, log off, restart, and shut down a computer.	Use appropriate log-on, log-off, restart, shut down procedures.	1 day	computer	
Students will identify input devices such as keyboard, mouse, and microphone and output devices such as monitor, printer, speakers, and headphones.	3.6.4 B Know that information technologies involve input and output devices.	1 day	computer peripherals	
Students will identify various computer hardware components. Students will describe the use, purpose, and care of hardware and software.	3.7.4 C Identify basic computer operations and concepts.	2 days	computer hardware and software	
Students will be given a content-area topic to research, choose the software to use such as Internet, Word, Excel, and PowerPoint and prepare a one-page project.	3.7.4 D Use computer software to solve specific problems.	2 days	computer Internet application software	
Students will describe how computer components communicate using electricity as on/off (a bit) Students will contrast the bit, byte, kilobyte, megabyte, and gigabyte as it applies to computer storage.	3.7.4 E Identify basic computer communications systems.	1 day	computer	

COURSE OUTLINE	OBJECTIVES (PA standard)	PROPOSED TIME / ACTUAL TIME	RESOURCES	LESSON REFLECTION (for future revisions)
Students will describe how they can follow the district's acceptable use policy. Students will identify private information and how to prevent websites from obtaining that information. Students will identify the characteristics of safe websites to use to evaluate which websites they can use to enter private information. Students will describe plagiarism and copyright law as it relates to the Internet.	Demonstrate an understanding of the social, legal, and ethical issues related to information technologies.	2 days	Internet	
Students will use autoshapes to create a graphic picture. Students will create a one-slide presentation project using clipart and wordart.	Demonstrate the ability to create age appropriate graphics. Demonstrate the ability to create, insert word art and clip art, edit, print, save a one slide presentation.	1 day 2 days	computer graphic software	
Students will create, format, edit, and print a poster in a content-area subject. Students will create, format, edit, and print a one paragraph writing in a content-area subject.	Demonstrate the ability to create, format, edit, print, save word-processing documents.	2 days 1 day	computer word processing software	
Students will correctly open the Internet, type in a specific web address and navigate to content-specific websites. Students will search the Internet for information for a content-area topic. Students will correctly type the citations for a book, magazine, and Internet cite for a research project for a content-area topic.	Demonstrate the ability to effectively utilize age appropriate internet search engines to access information and correctly cite sources.	2 days	computer Internet	

COURSE OUTLINE	OBJECTIVES (PA standard)	PROPOSED TIME / ACTUAL TIME	RESOURCES	LESSON REFLECTION (for future revisions)
Students will correctly identify the CPU, monitor, keyboard, and mouse. Students will correctly open files, folders, icons, and menus. Students will correctly identify the new, open, save, print, print preview, spellcheck, cut, copy, paste, wordart, clipart, and shapes icons on the appropriate toolbars.	Demonstrate the ability to identify hardware, files, folders, desktop icons, menus, and toolbars.	1 day	computer operating system applications software	
Students will create a simple spreadsheet with a table of information on a content-area topic.	Demonstrate the basic ability to create, edit, print, and save spreadsheets.	1 day	computer spreadsheet software	
Students will continue blogging to collaborate on content-area topics.	Introduce electronic communication skills along a variety of mediums.	1 day	computer Internet	
Students will touch type all letters and the shift, return, comma, period, question mark, backspace, and enter keys.	Use and practice appropriate home row / touch typing keyboarding skills.	9 days	computer typing software	
Students will use learning software such as Accelerated Reader, Star Reading, and Study Island.	Utilize age appropriate learning software.	1 day	computer learning software	