PK-2nd Grade Technology Benchmarks

Standard 1: Students will demonstrate competence in the use of computers and applications and will understand the concept of technology, its operations and systems	PK-K	1st	2nd
1.1 Identify basic computer components including computer, keyboard, mouse, printer, CD-ROM, monitor, hard drive, word processor, network and file server.	I	D	D
1.2 Can perform the basic procedures in operating a computer and its applications (e.g. open, drag, save, exit, log off)	I	D	M
1.3 Can explain that icons are symbols represent commands for action processes such as opening a program or folder	I	D	M
1.4 Can identify numbers, letters and special keys (e.g. space bar, Shift , Delete) on the keyboard	I	D	M
1.5 Can perform the basic menu commands (e.g. Open, Close, Save, Print)	I	D	M
Basic Word Processing and Desktop Publishing			
1.6 Begin to create lists, captions, notes, messages, simple stories, invitations, instructions, and/or friendly letters using any work processing program.	I	I	D
1.7 Demonstrate ability to insert graphic and resize	I	D	D
1.8 Enter and edit text (position cursor, insert and delete, change font color and size)	I	D	D
Internet and Multimedia			
1.9 Illustrate a thought, idea, or story with computer generated drawings or graphics in painting and/or drawing programs	I	D	D
1.10 Explain that the Internet provides access to find information or to communicate around the world.		I	D
1.11 Create one slide on an assigned topic. Type or record information. Add appropriate graphics or drawings. Contribute to class slide show		I	D
Database and Spreadsheet			
1.12 Create and print a simple graph to represent data	I	I	D
1.13 Explain that some programs store and organize data on a computer to make searches efficient and easier		I	D
Standard 2: Students will demonstrate responsible use of technology practicing ethical, legal and safe practices.	PK-K	1st	2nd
Ethics			
Follows classroom rules on responsible use of computers, printers and other peripherals	I	D	M
Begin to credit creators of intellectual property when using their work in a student project		I	I

PK-2nd Grade Technology Benchmarks

Classroom/Society			
Identifies technology that is used in daily functions of home, school, and in the community	I	I	I
Knows that new tools and ways of doing things affect all aspects of life and may have positive or negative effects on people.		I	I
Demonstrates responsible use of technology and software	I	D	D
Safety			
Follow the teacher's instructions for safe and ethical use of Internet	I	D	M
Explain the difference between appropriate and inappropriate sites		I	D
Standard 3: Students will demonstrate the ability to apply technology to support research, communication, collaboration, problem solving, decision making, creativity and innovation.	**PK-K**	**1st**	**2nd**
Research			
Use age appropriate teacher directed resources to plan, locate, gather and organize information		I	D
Evaluate with teacher assistance how planned Internet resources may have been useful or not useful.		I	D
Problem Solving			
Use age appropriate technologies to gather and analyzed data (e.g. graphic organizer or simple graphing programs)	I	I	D
Communication and Collaboration			
Use a variety of age-appropriate technologies (e.g. presentation, ePals, desktop publishing) to communicate and/or collaborate information and ideas	I	I	D