K-4 Technology Curriculum Map
Cornwall Central School District

KEY: I= Introduce D= Developing M= Mastered Blank cells= Not introduced at this time	Grade Level				
Concepts/Skills	K	1	2	3	4
Students will use input devises (e.g. mouse, Keyboard) and output devices (e.g. monitor, printer, speakers or head phones) to successfully operate computers, other technology systems. *Indicators:*					
Uses input devised (e.g. mouse, Keyboard) and output devices (e.g. monitor, printer, speakers or head phones) to successfully operate computers, other technology systems	I	D	D	M	M
Identify storage devices (i.e. disk drive, hard drive, CD, network drive)	I	I	D	D	M
Login/Log off to a networked server with Username and Password	I	D	D	M	M
Open, use and quit applications	I	D	D	M	M
Use mouse to select and highlight object or screen areas	I	I	D	D	M
Navigate through a menu using point and click	I	I	D	M	M
Place cursor and enter text	I	I	D	D	M
Print work	I	I	D	M	M
Turn on and shut down computer properly			D	M	M
Change size, font, color, or other text format		I	D	D	D
Demonstrate proper use and handling of disks (e.g. disks)	I	I	D	M	M
Students will routinely save files correctly to hard drive or network drive or designated folders		I	D	D	D
Students will toggle between applications and opened windows			I	D	D
Students will use age appropriate keyboarding skills. *Indicators:*					
Use correct posture, and wrist and elbow placement	I	I	D	D	D
Recognize and use letter keys	I	I	D	D	D
Recognize and use number keys (0-9)	I	I	D	D	D
Able to use backspace/delete to erase unwanted characters	I	I	D	D	M
Able to use spacebar, shift, enter/return, caps lock, tab, escape and arrow keys	I	I	D	D	D
Recognize and use punctuation keys with appropriate hand placement	I	I	D	D	D
Recognize and use correct finger placement on homerow keys (e.g. Left hand used F,D,S,A: Right hand uses J,K.L, semi-colon)	I	I	I	D	D
Place the cursor at a specified location using mouse and keyboard	I	I	D	D	M
Uses correct spacing words and lines	I	D	D	D	D
Uses correct spacing between headings, paragraphs, and paragraph indentation			I	D	D
Use left and right hands correctly to locate and use appropriate keys		I	I	D	D
Aligning titles and paragraphs according to the purpose of the document			I	D	D
Students will use correct words to describe technology. *Indicators:*					
Identify parts of the computer	I	I	D	D	M
Input and output devices (e.g. workstation, mouse, keyboard, microphone, monitor, printer, speakers or headphones)				I	D
Identify terms used to operate software applications (e.g. menu, icon, button, toolbar, folder)	I	I	D	D	M

Identify basic menu commands (e.g. file, close, exit, new, open, print, save, save as)	I	I	D	D	M
Identify editing keys (e.g. enter, backspace, delete, shift)	I	I	D	D	D
Differentiate between text and images (graphics)		I	D	M	M
Maximize and Minimize windows			I	D	M

Students will understand and demonstrate positive social and ethical behaviors when using technology.
Indicators:

Follow all computer rules posed in the computer lab/classroom	I	D	M	M	M
Recognize ownership of individual, group, and other's work	I	D	D	D	M
Identify consequences for misuse of technology resources	I	D	D	D	M
Identify consequences for abusing technology equipment	I	D	D	M	M

Students will use a variety of media and technology resources to differentiate learning through directed and independent instruction.
Indicators:

Use electronic resources uses as CD-ROMS , the Internet and/or computer software to practice grade equivalent skills	I	D	D	D	D
Use electronic resources uses as CD-ROMS , the Internet and/or curriculum specific software for remediation or enrichment	I	D	D	D	D

Students will use a variety of technology applications for improving student achievement (e.g. projects and products).
Indicators:

Use draw/paint programs to develop, reinforce, and assess concepts and/or skills learned (i.e. Kid Pix, Kidspiration/Inspiration, etc.)	I	I	D	D	M
Create Word processing products/projects to develop, reinforce, and assess concepts and/or skills learned	I	I	D	D	D
Create multi-media presentation products/projects to develop, reinforce, and assess concepts and/or skills learned	I	I	I	D	D
Use spell check and grammar check features			I	D	D
Access the Internet using teacher reviewed hyperlinks or bookmarks	I	D	D	M	M
Create graphs using spreadsheets to develop, reinforce, and assess concepts and/or skills learned			I	D	D
Use digital cameras, scanners, and other peripherals for communication and publishing activities	I	I	D	D	D

Students will use electronic resources such as CD-ROMs, the Internet, and /or computer software to research and gather information.
Indicators:

Use Internet browsers (i.e. home, back, forward, refresh, URL, favorites, pop-ups, print)	I	I	D	D	D
Use search engines, electronic card catalog, online databases, electronic encyclopedias		I	I	D	D
Uses keywords to refine search		I	I	D	D
Recognize the validity of selected electronic resources				I	D
Know Internet safety rules (i.e. personal information, chat room etiquette, cyber bullying, etc.)	I	I	D	D	D