

## 2011-2012 TECHNOLOGY SCOPE & SEQUENCE

WITH HELP – H	INTRODUCE – I	DEVELOP – D			INDEPENDENT USER - IU			
<b>BASIC COMPUTER/TECNOLOGY USE</b>								
	1	2	3	4	5	6	7	8
Operates mouse/ trackpad	I	IU	IU	IU	IU	IU	IU	IU
Starts and shuts down computer	I	D	IU	IU	IU	IU	IU	IU
Opens and quits an application	I	D	IU	IU	IU	IU	IU	IU
Works with windows, icons, and menus	I	D	D	IU	IU	IU	IU	IU
Works independently or in pairs on computer	I	D	IU	IU	IU	IU	IU	IU
Communicates about technology using developmentally appropriate and accurate terminology	I	I	D	D	IU	IU	IU	IU
Discusses common uses of technology in daily life	I	I	D	D	D	D	D	D
Uses keyboards and other common input and output devices efficiently and effectively	I	D	D	D	D	IU	IU	IU
Applies strategies for identifying and solving routine hardware and software problems	H	I	D	D	D	IU	IU	IU
Makes informed decisions in choosing the most appropriate technology systems, resources, and services	H	I	D	D	D	IU	IU	IU

<b>FILE RESOURCE MANAGEMENT</b>								
	1	2	3	4	5	6	7	8
Follows rules for computer use	I	D	D	D	D	D	D	D
Logs in to network	H	I	D	IU	IU	IU	IU	IU
Saves and finds files and folders	H	I	D	D	D	IU	IU	IU
Creates folders to store work and saves work in folders	H	I	D	D	D	D	D	D
Describes hardware and software problems	H	I	D	D	D	D	D	D
Saves work in most formats and adds correct extensions to file names	H	H	H	I	D	IU	IU	IU
Organizes, manages, and secures technology in classroom	H	H	I	D	D	IU	IU	IU
Can be technology mentor (not all students)	I	D	D	D	D	D	D	D

<b>PRESENTATION TOOLS/MULTIMEDIA</b>								
	1	2	3	4	5	6	7	8
Plans and storyboards ideas for presentation in AppleWorks, PowerPoint, KidPix	H	I	D	D	D	D	D	IU
Develops outline for presentation project	H	I	D	D	D	IU	IU	IU
Applies designs, backgrounds, font styles, and colors	H	I	D	D	D	D	IU	IU
Applies animations, video, and sound	H	H	I	D	D	D	IU	IU
Applies good design principles	H	I	D	D	D	D	IU	IU
Uses mind-mapping software to brainstorm and plan a presentation	H	H	H	I	D	D	D	IU
Determines target audience, goal, and purpose of a presentation	H	H	I	I	D	D	D	D
Integrates various applications to enhance the quality of presentation	H	H	H	I	D	D	D	IU
Creates linear slide show	H	I	D	D	D	D	IU	IU
Creates original art to include in project	H	H	H	I	D	D	D	IU
Imports and modifies graphics, backgrounds, and clipart	I	D	D	IU	IU	IU	IU	IU
Combines text, paint and draw as part of project	H	I	D	D	D	D	IU	IU
Inserts buttons with actions and sounds	H	H	I	D	D	D	IU	IU



Describes educational uses of databases	H	H	H	H	H	H	H	I	D
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<b>INTERNET</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
Uses sites the teacher points to	I	D	D	IU	IU	IU	IU	IU
Launches a browser and uses the tool bar	I	D	IU	IU	IU	IU	IU	IU
Navigates by clicking on links and web pages	I	D	IU	IU	IU	IU	IU	IU
Explains the parts of a URL	H	I	D	D	IU	IU	IU	IU
Types URLs correctly	H	I	D	IU	IU	IU	IU	IU
Adds bookmarks/ favorites	H	I	D	IU	IU	IU	IU	IU
Returns to site using history, back button, or bookmark/ favorite	I	D	IU	IU	IU	IU	IU	IU
Uses search engines	H	H	I	D	IU	IU	IU	IU
Evaluates site and information for validity and accuracy	H	I	D	D	D	IU	IU	IU
Copies and pastes text or images from web site and cites sources correctly	H	I	D	D	D	IU	IU	IU

<b>INTEGRATION AND PROJECTS</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
Creates developmentally appropriate multimedia products with support from teachers, family members, and students	H	I	D	D	D	D	IU	IU
Uses technology resources for problem solving, communication, illustration of thoughts, ideas, and stories	H	I	D	D	D	D	D	IU
Works responsibly, independently, and as part of a group in developing a project	H	I	D	D	D	IU	IU	IU
Uses teacher-created rubric for assessment of project	H	H	I	D	D	IU	IU	IU
Uses technology for individual and collaborative writing, communication, and publishing activities to create knowledge products for audiences inside and outside school	H	I	D	D	D	D	IU	IU
Determines when technology is useful and selects the appropriate tools and resources to address a variety of tasks and problems	H	H	H	I	D	D	D	D
Uses information literacy skills to research and evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of information sources concerning real-world problems	H	H	I	D	D	D	D	D
Uses online sources for project work	H	I	D	D	IU	IU	IU	IU
Properly cites all information sources	H	H	H	I	D	D	IU	IU
Designs, develops, publishes, and presents real-world products using technology resources that demonstrate and communicate curriculum concepts to audiences inside and outside the classroom	H	H	I	D	D	D	IU	IU
Selects appropriate tools for research, information analysis, problem-solving, and decision-making in content learning as part of project-based learning	H	H	H	I	D	D	D	D
Compiles projects in electronic portfolio	I	D	D	D	D	D	D	D

<b>SOCIAL AND ETHICAL USE</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
Understands and follows rules and procedures for technology use	I	D	D	IU	IU	IU	IU	IU
Works cooperatively and collaboratively with others when using technology in the classroom	I	D	D	IU	IU	IU	IU	IU
Demonstrates positive social and ethical behaviors when using technology	I	D	IU	IU	IU	IU	IU	IU

