

MIDDLE TOWNSHIP PUBLIC SCHOOLS
CAPE MAY COURT HOUSE, NJ 08210
CURRICULUM GUIDE – 2007

DISCIPLINE: Technology Literacy GRADE LEVEL: Grade 5

Objective Code			Essential Questions	Content	Instructional Objectives/ Skills	Activities and Differentiated Instruction	Level I, R, or S	Resource Assessment Tool	Timeframe Taught
GR	Stand ard	Stand ard			Students should be able to:				
5	8.1.5	A.1	What makes up a Computer?	Basic Vocabulary	Use appropriate technology vocabulary.	Ask the children what they remember about what the computer can do for them. Discuss what they will do this year and have examples of what they will accomplish in technology.	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation	40 minutes; Ongoing throughout the year
5	8.1.5	A.2	If something happens to my computer, how can I troubleshoot it myself?	Troubleshooting	Use common features of an operating system (e.g., creating and organizing files and folders).	As problems occur, gather the children's attention while reviewing and teaching them in the moment how to troubleshoot.	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation	Ongoing throughout the year
5	8.1.5	A.3	Where do things go when I save them?	Keyboarding	Demonstrate effective input of text and data, using touch keyboarding with proper technique.	Review and teach the children how to save to the network, their folders, their teacher's folders and an individual computer.	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation; Children's files saved to the correct place	40 minutes; Ongoing throughout the year
5	8.1.5	A.4	How can I get my thoughts together on one page?	Desktop Publishing	Input and access data and text efficiently and accurately through proficient use of other input devices, such as the mouse.	Review and teach the children how to use Microsoft Word to write a letter, poem or another published file.	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation; Final Project	40 minutes; Ongoing throughout the year
5	8.1.5	A.5	If I need to make a chart on the computer, how would I do that?	Excel Word Publisher	Create documents with advanced text formatting and graphics using word processing.	Review and teach the children how to use Microsoft Excel to create a chart using classroom data.	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation; Final Project	40 minutes; Ongoing throughout the year
5	8.1.5	A.6	I want to present information, sound and pictures. How can I accomplish that?	Excel, Power Point, Publisher	Create a file containing customized information by merging documents.	Review and teach the children how to use Microsoft Power Point and Introduce Movie Maker to create a slideshow or movie including pictures and sound	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation; Final Project	40 minutes; Ongoing throughout the year
5	8.1.5	A.7	Once I save my file, how can I organize?	Excel	Construct a simple spreadsheet, enter data, and interpret the information.	Review and teach the children how to create their own files and discuss how they can visualize folders like they use in their real life.	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation; Final Project	40 minutes
5	8.1.5	A.8	See 5.8.1.5 A.1	Power Point/ Movie Maker	Design and produce a basic multimedia project.	Review and teach the children how to use Power Point & Movie maker. For advanced students: Teach Dreamweaver.	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation; Final Project	40 minutes; Ongoing throughout the year

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GR	Standard	Standard		Students should be able to:				
5	8.1.5	A.9	See 5.8.1.5 A.1	Excel	Plan and create a simple database, define fields, input data, and produce a report using sort and query.	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation, final project	40 minutes; Ongoing throughout the year
5	8.1.5	A.10	See 5.8.1.5 A.1	Saving a File	Use network resources for storing and retrieving data.	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation, final project	two 40 minute classes; Ongoing throughout the year
5	8.1.5	A.11	See 5.8.1.5 A.1	Excel, Power Point, Publisher	Choose appropriate electronic graphic organizers to create, construct, or design a document	R,S	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation, final project	two 40 minute classes; Ongoing throughout the year
5	8.1.5	A.12	How do I make it easier for me to get to my documents or programs?	Shortcuts	Create, organize and manipulate shortcuts.	I,R	Vocabulary; Word Wall; Stickies with definitions; Word Splash; ongoing teacher facilitation & observation, final project	40 minutes; Ongoing throughout the year
5	8.2.5	A.1	See 5.8.1.5 B.2	Technology for the Real World	Describe the nature of technology and the consequences of technological activity.	NA	NA	NA
5	8.2.5	A.2	See 5.8.1.5 B.2	Technology for the Real World	Describe how components of a technological product, system, or environment interact.	NA	NA	NA
5	8.2.5	A.3	How can I find information that will help me?	Technology for the Real World	Describe how one technological innovation can be applied to solve another human problem that enhances human life or extends human capability.	NA	NA	NA
5	8.2.5	A.4	See 5.8.1.5 B.6	Technology for the Real World	Describe how technological activity has an affect on economic development, political actions, and cultural change.	NA	NA	NA
5	8.2.5	A.5	See 5.8.1.5 B.6	Technology for the Real World	Explain the cultural and societal effects resulting from the dramatic increases of knowledge and information available today.	NA	NA	NA

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5	8.1.5	B.1	See 5.8.1.5 B.6	Technology for the Real World	Demonstrate an understanding of how changes in technology impact the workplace and society.	NA	NA	NA
5	8.1.5	B.2	See 3.8.1.3 A.2	Appropriate uses	Exhibit legal and ethical behaviors when using information and technology, and discuss consequences of misuse.	NA	NA	NA
5	8.1.5	B.3	See 3.8.1.3 A.2	Appropriate uses	Explain the purpose of an Acceptable Use Policy and the consequences of inappropriate use of technology.	NA	NA	NA
5	8.1.5	B.4	See 3.8.1.3 A.2	Appropriate uses	Describe and practice safe Internet usage.	NA	NA	NA
5	8.1.5	B.5	See 5.8.1.5 B.6	Technology for the Real World	Describe and practice "etiquette" when using the Internet and electronic mail.	NA	NA	NA
5	8.1.5	B.6	What application or program should I use to meet my needs?	Real World Technology	Choose appropriate tools and information resources to support research and solve real world problems, including but not limited to: On-line resources and databases Search engines and subject directories	NA	NA	NA
5	8.1.5	B.7	See 3.8.1.3 A.2	Real World Technology	Evaluate the accuracy, relevance, and appropriateness of print and non-print electronic information sources.	NA	NA	NA
5	8.1.5	B.8	See 3.8.1.3 A.2	Real World Technology	Use computer applications to modify information independently and/or collaboratively to solve problems.	NA	NA	NA
5	8.1.5	B.9	See 3.8.1.3 A.2	Troubleshooting	Identify basic hardware problems and demonstrate the ability to solve common problems.	NA	NA	NA
5	8.1.5	B.10	See 3.8.1.3 A.2	Troubleshooting	Determine when technology tools are appropriate to solve a problem and make a decision.	NA	NA	NA

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