

**COMPUTERS AND TECHNOLOGY Kindergarten – Grade 2**

**DIOCESAN STRAND A: LITERACY AND ETHICAL IMPLICATIONS**

**NC COMPETENCY, Goal 1:** The learner will understand important issues of a technology-based society and will exhibit ethical behavior in the use of computer and other technologies.

**VALUES AND ATTITUDES**

Realize technology must be used responsibly and appropriately  
 Respect work of others  
 Understand people create computers and their functions

Students will be able to:

OBJECTIVES	STRATEGIES	ASSESSMENT	SUGGESTED RESOURCES
A.1 Understand that a computer is a machine made by man to assist with work (M)	Instruction on proper care of technology equipment including computers, VCR, TV, disks, and CD's	Demonstrate correct care of available equipment	a disassembled computer
A.2 Identify the parts of a computer (M)	Demonstrate how to connect and maintain equipment	Identify the basic parts of computers, TVs and VCRs	<a href="http://www.whatis.com">www.whatis.com</a> for computer terms
A.3 Learn basic care of technology tools			
A.4 Use technology for self Instruction	Explore programs available for self instruction e.g. music education		
A.5 Learn that work has value and that the work of others should be respected and acknowledged	Students should be asked for written permission to submit their work for publication of any kind, in-house or online		
A.6 Develop a personal "Code of Honor" for all online communication and Internet use			
A.7 Understand that programs allow us to do different kinds of work			
A.8 Learn that technology is part of our lives	Identify and discuss various technologies in the classroom Find evidence at home that demonstrate machines help people		
A.9 Develop and understand vocabulary: monitor mouse disk keyboard CD printer scanner fixed drive on/off memory disk drive CD vs. CD drive			

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**DIOCESAN STRAND B: COMMUNICATING WITH TECHNOLOGY**

**NC COMPETENCY, Goal 2:** The learner will demonstrate knowledge and skills in the use of computer and other technologies.

**VALUES AND ATTITUDES** Appreciate electronic communications  
 Feel confident to enhance their work by computer applications

Students will be able to:

OBJECTIVES	STRATEGIES	ASSESSMENT	RESOURCES
<p>B.1 Locate letters, numbers and special characters on the keyboard (M)</p> <p>B.2 Master the use of the cursor (M)</p> <p>B.3 Create a basic text document (M)</p> <p>B.4 Understand simple features such as shift for upper case letters</p> <p>B.5 Use print key</p> <p>B.6 Understand how to save and retrieve work</p> <p>B.7 Begin to develop typing techniques</p> <p>B.8 Begin to develop correct finger placement</p> <p>B.9 Begin to develop an understanding of technology vocabulary:                      word processing e-mail                      home keys cursor                      cursor keys save                      save as open                      close print                      select enter</p>	<p>Interactive CD "books"</p> <p>Group software presentation</p> <p>Produce and illustrate original stories with software</p> <p>Teacher directed e-mail pen pals domestic and worldwide</p> <p>Maintain daily individual and class journals on computer</p> <p>Utilize cross curricular tutorials in spelling, math, phonics, grammar, etc.</p> <p>Use word processing to enter, save, retrieve and print a text</p> <p>Demonstrate correct finger placement for home row keys</p> <p>Discuss fundamental computer terms</p>	<p>Demonstrate increased proficiency with keyboard and mouse</p> <p>Produce a document that includes text and illustrations</p> <p>Demonstrate an understanding of vocabulary</p>	<p>Sticky Bear Typing                      Type To Learn, Sunburst                      Creative Writer, Microsoft                      Kids Works                      International listing of elementary schools: <a href="http://web66.coled.umn.edu">http://web66.coled.umn.edu</a></p>



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**DIOCESAN STRAND D: RESEARCH**

**NC COMPETENCY: This is not a separate goal in the NC Standard Course of Study**

**VALUES AND ATTITUDES** Recognize that computer technology is used in all aspects of our lives  
Identify some of the uses of computer technology in our society

Students will be able to:

OBJECTIVES	STRATEGIES	ASSESSMENT	RESOURCES
<p>D.1 Understand that a computer can provide all kinds of information (M)</p> <p>D.2 Access appropriate information from the Internet</p> <p>D.3 Follow Acceptable Use Policy</p> <p>D.4 Understand information obtained using computers can belong to someone else and credit the original author</p> <p>D.5 Understand the term multimedia</p>	<p>Use computers as a center within a lesson for extension or enrichment</p> <p>Review Acceptable Use Policy (AUP)</p> <p>Download Internet information to a disk for later student access on a classroom computer without Internet access</p> <p>Use classroom computers for individualized attention</p> <p>Use multimedia CDs for classroom objectives</p> <p>Create a class multimedia sequential story</p>	<p>Retrieve information from electronic sources</p> <p>Demonstrate a basic understanding of how to access information from library systems, CDs and/or on-line sources</p> <p>Create multimedia document</p>	<p>Use CD encyclopedias to find information for all areas of the curriculum:</p> <p>Primary encyclopedia: Ultimate Elementary Encyclopedia</p> <p>My First Dictionary</p> <p>LearnNC – Internet Projects</p>