

ITcenter21: Introduction to Computers and IT Correlation to: *The School District of Palm Beach County* *K-12 Student Technology Performance Standards*

Instructional Content Areas (Units)

IT Introduction Unit

Computer Research

Multimedia Presentations

Telecommunications and Ethics

IT In Our Lives

Information Management and Evaluation

Desktop Publishing

IT History

Word Processing

Basic Computer Functions

Computer Graphics

IT Careers

Spreadsheets

Troubleshooting and Maintenance

Databases

Web Publishing



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<p style="text-align: center;">K – 12 Student Technology Performance Standards</p>	IT Center/21 Course	IT Introduction Unit	Computer Research	Multimedia Presentations	Telecommun. & Ethics	IT In our Lives	Info. Mgmt & Evaluation	Desktop Publishing	IT History	Word Processing	Basic Comp. Func.	Computer Graphics	IT Careers	Spreadsheets	Troubleshooting	Databases	Web Publishing
	<p>Competency 1: The learner will demonstrate knowledge and skills in the use of computers and other technologies to access, analyze, interpret, synthesize, apply, and communicate information.</p>																
<p>1. Identify terms and functions of technology components.</p>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<p>1.1. Identify the monitor, keyboard, CPU, disk drive, printer, mouse, and/or other alternative devices.</p>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<p>1.2. Identify other types of technology (e.g. audiotape, VCR, DVD, and television).</p>	✓			X													
<p>1.3. Identify storage devices (e.g. audiotape, videotape, Zip and Jaz drive, CD-ROM disk, and diskette).</p>	✓									X				X			
<p>1.4. Identify types of software and their uses (e.g. word processing, graphics/presentation software, spreadsheets, databases).</p>	✓	X		X	X		X			X	X		X		X	X	
<p>1.5 Identify network and non-network computers.</p>	✓			X													
<p>1.6 Identify telecommunications terminology.</p>	✓			X													
<p>2. Demonstrate appropriate use and care of computers and technology.</p>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<p>2.1 Demonstrate appropriate use of computer components (e.g. mouse, keyboard, printers, CPU, monitor and assistive devices).</p>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<p>2.2 Demonstrate appropriate care of technology components.</p>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<p>2.3 Operate basic equipment independently (e.g. telephone, tape player/recorder, VCR).</p>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<p>2.4 Demonstrate effective use of the keyboard.</p>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<p>2.5 Recognize the importance of virus protection software.</p>	✓			X										X			
<p>2.6 Troubleshoot technology equipment.</p>	✓													X			

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	3. Use technology resources for self-directed learning and extended learning activities.	✓															
3.1 Use software and other technologies (e.g. laser discs, calculators) to practice and master math curriculum.	✓													X		X	
3.2 Use software and other technologies (e.g. videotapes, laser discs) to practice and master language arts objectives.	✓									X							
3.3 Use software and other technologies to practice and master concepts across the curriculum.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4. Use technology tools to create a product.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4.1 Use productivity software to enrich curricular concepts.	✓	X		X	X	X	X	X	X	X		X	X	X		X	
4.2 Participate collaboratively in the creation of a multimedia project.	✓			X													
4.3 Participate collaboratively in a curriculum-based telecommunications project.	✓			X													
5. Use technology resources to gather, process and communicate information.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.1 Identify and explore technology resources used to gather information.	✓		X			X	X		X	X			X				
5.2 Use technology (e.g. CD-ROM software and the Internet) to research issues and gather information.	✓		X			X	X		X	X			X				
5.3 Recognize that hardware, software and peripherals are designed to accomplish specific tasks.	✓	X									X	X					
5.4 Select and utilize appropriate software applications to solve specific problems.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.5 Utilize technology resources to communicate information.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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	Competency 2: The learner will understand important issues of a technology based society and will exhibit behavior in the use of computers and other technologies.																
6. Identify uses and impact of technology in the global community.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6.1 Identify and explore uses of technology in the home, school, and community.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6.2 Identify ways people use technology to work and play.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6.3 Understand technology is a tool for communication (e.g. word processing, multimedia, and e-mail).	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6.4 Identify ways technology has impacted the world.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6.5 Identify health issues created by the use of technology.																	
7. Understand the concept of intellectual property and its ownership.	✓		X	X	X												
7.1 Demonstrate respect for the work of others.	✓		X	X	X												
7.2. Understand the concept of plagiarism and copyright.	✓		X	X	X	X			X	X			X				
7.3 Understand that valid information from resources should have references cited.	✓		X	X			X										
8. Recognize and demonstrate the ethical uses of technology in society.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8.1. Demonstrate understanding of privileges and consequences of the Acceptable Use Policy (AUP).	✓				X												
8.2. Identify ethical issues associated with the use of technology.	✓	X	X	X	X												
8.3. Identify issues relating to equitable access to technology.	✓					X											

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	<p>9. Evaluate the validity and usefulness of information obtained through technology.</p>	✓		X			X	X		X				X			
<p>9.1 Recognize the difference between factual information and opinion.</p>	✓		X			X	X		X				X				
<p>9.2 Determine credibility and usefulness of information gathered from technology resources.</p>	✓		X			X	X		X				X				
<p>10. Identify job opportunities and careers that utilize technology.</p>	✓												X				
<p>10.1 Associate computer/technology activities with related careers.</p>	✓												X				
<p>10.2 Explore the use of technology in specific careers.</p>	✓												X				