VBCPS Computer/Technology Proficiencies
2006-2007

As part of the Computer Resource Program coordination for the Department of Technology, the Virginia Beach (VB) Technology Proficiencies for grades K-12 are to be reviewed, revised, realigned, and updated biannually. A VB Technology Proficiencies Revision and Realignment Committee consisting of elementary, middle, and high school computer resource specialists (CRSs) who reviewed and realigned the current VB Technology Proficiencies. The committee compressed and streamlined the current proficiencies according to the newly revised Computer Technology Standards of Learning (SOL) for Virginia's Public Schools that were released in June 2005. This allows for increased creativity and enhancement when correlating to the curricular objectives for Virginia Beach Public Schools.

The VB Technology Proficiencies remain divided by individual grade levels for grades K-5; however, the proficiencies are now clustered for grades 6-8 and 9-12. Draft copies of the revised VB Technology Proficiencies were sent to CRSs for comments. The VB Technology Proficiencies continue to align and reflect the national ISTE standards.

The VB Technology Proficiencies should be used in conjunction with the goals and objectives of the Educational Technology Team. They serve as a collaborative tool and guidelines for computer resource specialists during planning sessions with teachers. Since the emphasis is technology integration across all curricular areas, teachers should provide the curricular objectives. Hence, the VB Technology Proficiencies do not include direct correlations to the Virginia Beach Public Schools' curricular objectives (VBOs). CRSs should ensure that the technology proficiencies are being integrated with the VBOs while continuing to provide multiple opportunities for students to become successful life-long learners.

Again, the VB Technology Proficiencies are designed to be guidelines for computer resource specialists when collaborating and planning with teachers and the major goal is the integration of technology into the Virginia Beach Public Schools' curricular objectives.

VA DOE Computer Technology SOL	*VB Technology Proficiencies First Grade*	
Basic Operations and Concepts	***Basic Operations and Concepts***	
C/T K-2.1 – C/T K-2.2		
The student will:	The student will:	
• demonstrate knowledge of the nature and operation of technology systems. • demonstrate proficiency in the use of technology.	**VBTP 1.1**	Use technology to demonstrate the ability to perform a variety of tasks such as turning on and off a computer, opening and closing programs, saving work, using pull-down menus, opening and closing windows, dragging objects, and responding to commands.
	VBTP 1.2	Demonstrate the use of mouse, keyboard, and earphones.
	VBTP 1.3	Explain how computers help people.
	VBTP 1.4	Demonstrate basic keyboarding skills.
Social and Ethical Issues	***Social and Ethical Issues***	
C/T K-2.3 – C/T K-2.4		
The student will:	The student will:	
• practice responsible use of technology systems, information, and software. • use technology responsibly.	**VBTP 1.5**	Explain the school's rules for using computers.
	VBTP 1.6	Explain the importance of protecting personal information.
	VBTP 1.7	Demonstrate the basic principles of ownership of ideas.
	VBTP 1.8	Demonstrate online advertising and why we should be careful of it.
	VBTP 1.9	Demonstrate the responsible use of technology systems and software.
Technology Research Tools	***Technology Research Tools***	
C/T K – 2.5		
The student will:	The student will:	
• use technology to locate, evaluate, and collect information from a variety of	**VBTP 1.10**	Demonstrate the use of different formats such as

sources.		online resources, online encyclopedias, etc.
	VBTP 1.11	Demonstrate the use of electronic resources such as the Internet, online encyclopedia, books, web sites, CD/DVDs.
	VBTP 1.12	Demonstrate the use of technology resources for directed and independent research activities.
Problem-solving and Decision-making Tools	***Problem-solving and Decision-making Tools***	
C/T K-2.6		
The student will:	The student will:	
• use technology resources for solving problems and making informed decisions.	**VBTP 1.13**	Demonstrate how a computer can be used to help solve problems such as looking up information.
	VBTP 1.14	Select appropriate applications to accomplish the assigned task.
Technology Communication Tools	***Technology Communication Tools***	
C/T K-2.7		
The student will:	The student will:	
• use a variety of media and formats to communicate information and ideas effectively to multiple audiences.	**VBTP 1.15**	Demonstrate the use of the computer as a communications tool.
	VBTP 1.16	Demonstrate the use of basic electronic communication via email, web logs, online journals, etc.
	VBTP 1.17	Create/ save/ retrieve/ print files or documents.
	VBTP 1.18	Participate in directed and independent learning activities using a variety of media and technology resources such as projectors, VCR, computer software, digital camera, scanner, TV, etc.
	VBTP 1.19	Create a simple graphic organizer, flow chart, character map, word web, story web, cause and effect

		chart.
	VBTP 1.20	Create or contribute to developmentally appropriate multimedia products.
	VBTP 1.21	Communicate about technology using developmentally appropriate and accurate terminology.
	VBTP 1.22	Write at least one sentence with appropriate punctuation.
	VBTP 1.23	Place a graphic in a document to accompany the text.
	VBTP 1.24	Create a simple graphic using two or more graphic tools.