Baseline Data Survey

Technical Supplement

conducted by

*Southeast and Islands Regional Technology in Education Consortium (SEIR*TEC)*

This survey is being completed as part of the evaluation component of the SEIR*TEC Intensive Site project. This project, funded by the Department of Education, has chosen school districts in 14 Southeastern states, the Virgin Islands, and Puerto Rico. The project is helping schools and districts with technology planning and the integration of technology into the curriculum. An intensive site has been chosen to receive directed assistance so that other schools can learn from their experiences.

Our intent with this survey is to develop baseline data to enable us to learn about your school. It will also provide information for future evaluation. This survey should only take about 25 minutes to complete. Please feel free to attach additional pages. Your participation is needed and appreciated. Thank you for your time.

The person who is most knowledgeable about hardware, software, and connectivity at your school should complete this survey.

Please return the survey to your school SEIR*TEC contact person.

Please direct comments and questions to:

Ms. Anna Li, Consortium Evaluator
SERVE
P. O. Box 5367
Greensboro, NC 27435

Phone: 1-800-755-3277
Fax: 910-334-3268

Email: ali@serve.org

Directions are provided in *italics* immediately following each question. In most cases, you are asked to circle a number to the right of the most appropriate response.

School Computers

1 Approximately how many of the following computers are currently available at your school for use by students or teachers? *Write a number on each line. If none, write "0". Do NOT count computers used solely by administrators and support stuff.*

		# of Computers
a)	MS-DOS 286/386/486 computers	_____
b)	Apple IIe, IIGS (if being used)	_____
c)	Pentium computers	_____
d)	Macintosh II/LC/Performa/Centris/Quadra/Powermac Computers	_____
e)	Computers with CD-ROM directly attached	_____
f)	Computers with a modem directly attached	_____
g)	Computers on a LAN providing simultaneous Internet connections	_____
h)	Computers with high-speed connections but having to share only a single network access at a time	_____
i)	Computers on a LAN	_____
j)	Total number of computers in the school	_____

2. How many of the teachers' classrooms have some of these technologies? *Write a number on each line. If none, write '0'.* ***Do Not count shared spaces like computer labs.***

		# of Classrooms
a)	Classrooms with at least 4 computers	_____
b)	Classrooms with any computers on a LAN	_____
c)	Classrooms with any computers attached to a modem	_____
d)	Classrooms with any computers directly connected to the Internet through a LAN	_____
e)	Classrooms with any modem or direct Internet connection	_____
f)	Classrooms equipped with a LCD projection device	_____
g)	Classrooms with any computers with digital cameras	_____
h)	Classrooms with video conferencing equipment	_____

3. How many computer or technology labs do you have? What are they used for? *Please indicate numbers of computers in each lab and what is used for. Check the box if the lab has LAN or Internet Connection.*

Name of Labs	# of Computers	Internet Connection?	LAN?	Used for
		❑	❑	
		❑	❑	
		❑	❑	
		❑	❑	
		❑	❑	
		❑	❑	
		❑	❑	

4. Approximately how many of the following computer- related equipment are currently available at your school for use by students or teachers? *Write a number on each line. If none, write '0'.* ***Do NOT*** *count equipment used solely by administrators and support staff. Please also indicate where the equipment is located: classroom, library, or office etc.*

		Total #	Location(s) (Specify)
a)	Color Laser printer	_____	_____
b)	Color DeskJet/Ink Jet printer	_____	_____
c)	Laser Printer	_____	_____
d)	DeskJet/ Ink Jet Printer	_____	_____
e)	Dot Matrix / ImageWriter Printers	_____	_____
f)	Scanner	_____	_____
g)	LCD Panel	_____	_____
h)	TV	_____	_____
i)	VCR	_____	_____
j)	Digital Camera	_____	_____
k)	Video camera	_____	_____
l)	Telephone line	_____	_____
m)	Other	_____	_____

5. *Please write down the major pieces of software that are available for teachers and students to use in each category.*

a) Instructional Packages (e.g. Jostens): _____

b) Word Processing : _____

c) Spreadsheet:_____

d) Database:_____

e) Graphics (Adobe Photoshop, MacDraw etc.):_____

f) Multimedia (HyperStudio, KidPix II):_____

g) Presentation (e.g. PowerPoint, HyperCard):_____

h) Reference (e.g. Worldbook, Encyclopedias:_____

i) Email (e.g. Eudora, Pine):_____

j) Web Browser:_____

TELECOMMUNICATIONS INFRASTRUCTURE

The questions in this section concern the use of "external networks" by students and teachers. By "external networks", we mean two sorts of things: (a) the Internet, the worldwide linkage of digital computers linked together by a common communication protocol, (b) other networks that computers connect to, usually by modem. This second group includes, for example, Compuserve, America-on-Line, Prodigy, LabNet, AT&T Learning Circles, National Geographic Kids Networks, and many others.

6. For how long has your school had the following facilities for connecting to the external networks? *Circle one choice on each line. If you don't have a particular facility, circle '0'.*

	How long has your school had this?				
	Not yet	< 6 mo.	< 1yr	<1-3 yrs.	>3 yrs.
a) A modem in a **teacher's** classroom	0	1	2	3	4
b) A modem not in a classroom but accessible by a teacher	0	1	2	3	4
c) At least one account on a specialized education network the Global, Kids Network, Learning Circles)	0	1	2	3	4
d) At least one account on Compuserve, AOL, or other general-purpose commercial computer network	0	1	2	3	4
e) A SLIP/PPP connection to an Internet server elsewhere	0	1	2	3	4
f) A ISDN, 56KB, or faster data line with access to an Internet server elsewhere	0	1	2	3	4
g) Accounts for individual teachers on an Internet server	0	1	2	3	4
h) Accounts for individual students on an Internet server	0	1	2	3	4
i) An Internet server on-site with its own set of mail and user accounts	0	1	2	3	4

IF YOUR SCHOOL CURRENTLY HAS AT LEAST ONE CONNECTION TO THE INTERNET, SKIP TO QUESTION 9.

7. When do you expect that your fist access to the Internet in the school building?

(e.g., September, 1998):_____

8. What kind of access do you initially expect to have? Circle the number next to your choice.

Modem terminal emulation	1
Modem SLIP/PPP connection	2
Direct connection for one or more individual computers	3
Direct connection through the school's local-area network	4

NOW SKIP TO QUESTION 15.

9. How does your school currently connect its computers to the Internet? *Indicate how many of each type of connection are attached to the computers at your school. If none, write '0'.*

		How many?
a)	to 2400 baud modems	_____
b)	to 14400 baud modems	_____
c)	Faster (analog) modems	_____
d)	ISDN lines	_____
e)	K bandwidth lines	_____
f)	T1 bandwidth lines	_____
g)	T3 bandwidth lines	_____
h)	Other connections (describe):	_____

10. By next Fall, 1998, about how many computers at school would you estimate you will have with simultaneous direct-to-the desktop Interest access?

OF COMPUTERS WITH DESKTOP INTERNET ACCESS BY FALL, 1998: _____

11. Through what means does your school currently access Internet resources? *Circle the numbers for ALL that apply.*

a)	School accesses Internet resources (e.g., Gopher) but does not have access to a server (e.g., e-mail)	1
b)	School participates in a research project which provides access to their server	2
c)	School has own server	3
d)	School district's server is used	4
e)	Another school's server is used	5
f)	School has account on a university computer (not part of a research project)	6
g)	Account on a special purpose educational network (e.g. I*EARN)	7
h)	Account on a bulletin board-based network with links to the Internet (e.g., FrEdMail, Fidonet)	8
i)	Account on a statewide educational network	9
j)	Account on a national commercial on-line service that also access Internet services (e.g., AOL)	10
k)	Account through a community cable provider	11
l)	Account through another local commercial Internet provider	12
m)	Other (describe):	13

12. What is hardware/software platform of the server(s) you use?

Workstation hardware/UNIX-software	1
Macintosh server	2
Windows/MS-DOS server	3
Do not know	4

13. How many computers at the school currently can be physically, simultaneously connected to the Internet?

Number of Internet connections now possible: _____

14. Is the major limitation the number of telephone lines available or the number of computers with the components or peripherals required for connectivity?

Number of phone lines 1
Number of computers with connectivity capabilities 2

YOUR SCHOOL'S LOCAL-AREA NETWORK

15. What kind of wiring characterizes the data connections among computers within your school?

a) LocalTalk 1
b) Ethernet 2
c) Token-ring 3
d) Wireless (specify): 4
e) Other (specify): 5

16. What communications facilities do you have on your LAN ? (Circle all that apply)

Email 1
Local bulletin Boards 2
Other (specify): 3

17. What is your LAN operating system?

Appleshare 1
Novell Netware 2
Other (specify): 3

18. What classes (secondary) or grade levels (elementary) make regular use of LAN communications such as e-mail or local bulletin boards? If none, write 'none'.

FINANCING TECHNOLOGY IN THE SCHOOL

19. Approximately how much money has been spent so far on the following equipment pieces of the network and infrastructure at your school - regardless of where the money came from? *If you do not have the particular infrastructure facility in question, circle "N.A."*

			Cost to Date
a)	Computers	N. A	$_____
b)	LAN wiring and hubs	N. A	$_____
c)	Retrofitting costs beyond network wiring – including electrical, classroom remodeling, etc.	N. A	$_____
d)	LAN file server hardware and software	N. A	$_____
e)	Connectivity enhancements to individual computers (such as Ethernet cards)	N. A	$_____
f)	Routers, etc. to link network to external data lines.....	N. A	$_____
g)	Separate Internet server hardware/software	N. A	$_____

20. What has been the source of the funds for those facilities? If you can specify the particular source (e.g. lottery, bond referendum, regular budget, etc.) that would be helpful as well. Circle the numbers of ALL that apply. If you do not know, circle '8' below.

District funds (specify, if known):	1
State funds (specify, if known):	2
Federal funds (specify Title, if known):	3
Special grant (specify):	4
Financial donations from business, etc. (specify):	5
Donations of time and labor from parents, students, etc.	6
Other (specify)	7
Do not know.....	8

21. Who do you feel has been most instrumental in obtaining the funds needed to develop your school's external computer networking program to the point that it is at now?

22. What are your current priorities for expanding this school's networking infrastructure? What would you like to see done over the next two years?