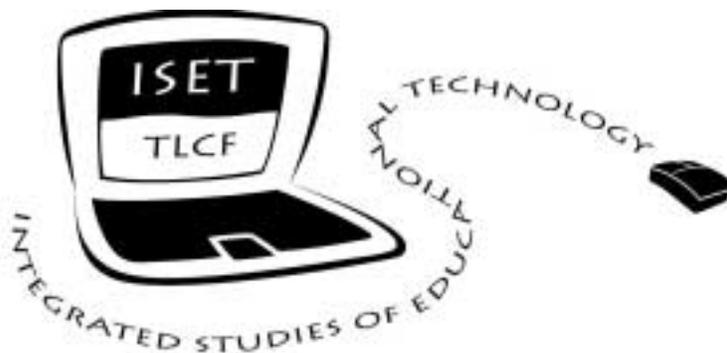


# Archived Information



## TEACHER SURVEY

SPRING 2001

SRI International  
1611 North Kent Street  
Arlington, VA 22209

If you have questions about ISET or this teacher survey, please email [iset@wdc.sri.com](mailto:iset@wdc.sri.com), or call 1-800-315-7020.

Public reporting burden for this collection of information is estimated to average about 70 minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the Department of Education, 400 Maryland Avenue, SW, Room 5624, Regional Office Building 3, Washington, DC 20202; and to the Office of Management and Budget, Paperwork Reduction Project 1875-0179, Washington, DC 20503.

This is a project of the Department of Education, Planning and Evaluation Services.

This project is being conducted under Title III of PL 103-382 and the Telecommunications Act of 1996. While you are not required to respond, your cooperation is needed to make the results of the study comprehensive, accurate and timely. The information you provide is being collected for research purposes only and will be kept strictly confidential.

**O.M.B. NO. 1875-0189 - Approval Expires  
09/30/2001**

To better understand the role and use of information technology in schools, the U.S. Department of Education has contracted with SRI International, The Urban Institute, and the American Institutes for Research to conduct linked studies on the availability and uses of educational technology among states, school districts, schools, and teachers across the country. Collectively, these research and evaluation efforts are referred to as the *Integrated Studies of Educational Technology* and will comprise one of the largest and most comprehensive national studies on the role of technology in American elementary and secondary schools to date.

This survey of teachers is designed to capture detailed information about the nature and adequacy of the professional development in educational technology available to teachers. For informed policy decisions to be made regarding technology-related professional development, greater understanding of the experiences and opinions of teachers is critical. While you are not required to respond, your cooperation is needed to make the results of this survey of educational technology comprehensive, accurate, and timely. A copy of the final report will be made available to you. Thank you for your participation in this important study.

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### Definitions

**Educational Technology** – A variety of technologies used to support instruction such as: computers (laptops, desktops, etc.), telecommunications (Internet, Local networks, etc.), digital cameras, peripheral devices (printer, scanner, etc.), graphing calculators, and software.

**Distance learning** – The transmission of information from one geographic location to another via various modes of telecommunications technology for educational purposes, including professional development.

**Multimedia** – Refers to the use of a computer to produce any combination of text, full color images and graphics, video animation and sound.

**Self-contained classroom** – A classroom where the teacher teaches all or most academic subjects to the same group of students all or most of the day.

**Main teaching assignment** – The activity at which you spend most of your time during the school year.

## I. Please tell us about your school

1. What is the name of your school?

\_\_\_\_\_

2. To the best of your knowledge, has there been any attempt in your school or district to do any of the following?  
**Choose one for each item.**

Has there been any attempt in your school or district to...		Yes	No	Don't know
A	...find out what teachers' needs for educational technology-related professional development are?	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 9
B	...assess the effectiveness of the technology-related professional development offered by your school or district?	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 9
C	...assess teacher proficiency in the use of technology as an educational resource?	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 9

3. Approximately what percentage of your students had access to the following AT HOME as of June 30, 2000 (i.e., at the end of the 1999 – 2000 school year)? **Choose one per item.**

Percentage of students having HOME access to:		0-9 %	10-49 %	50-89%	90-100 %	Don't Know
A	Any type of computer	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 9
B	Access to the Internet	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 9

4. Please provide a general assessment of your students' basic technology skills. **Choose one for each item.**

	Most students have basic skills	Most students do not have basic skills	Don't know
A Computers in general	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 9
B Word processing programs	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 9
C Spreadsheet programs	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 9
D Internet browsers (e.g., Netscape)	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 9
E Email programs	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 9

5. What kinds of educational technology has the school provided for you to use in your professional activities?  
Choose ALL that apply.

		Available in your school, all teachers may use	Available in your classroom primarily for your own use
<b>Computers Connectivity</b>			
1	Access to the school's local computer network from home	<input type="radio"/>	<input type="radio"/>
2	Access to the Internet from home, through a district Internet connection	<input type="radio"/>	<input type="radio"/>
<b>Computers Peripherals and Software</b>			
3	Software you can borrow to learn to use at home	<input type="radio"/>	<input type="radio"/>
4	Printers	<input type="radio"/>	<input type="radio"/>
5	CD-ROM drive	<input type="radio"/>	<input type="radio"/>
6	Probes for collecting scientific data (e.g., temperature)	<input type="radio"/>	<input type="radio"/>
7	DVD drive	<input type="radio"/>	<input type="radio"/>
8	Jazz, Zip, or similar drive	<input type="radio"/>	<input type="radio"/>
9	Microphones to use with computers	<input type="radio"/>	<input type="radio"/>
10	External computer speakers	<input type="radio"/>	<input type="radio"/>
11	Digital still camera	<input type="radio"/>	<input type="radio"/>
12	Digital video camera	<input type="radio"/>	<input type="radio"/>
13	A device to project computer screen for class viewing	<input type="radio"/>	<input type="radio"/>
14	Scanner	<input type="radio"/>	<input type="radio"/>
<b>Other Technology</b>			
15	Telephone	<input type="radio"/>	<input type="radio"/>
16	Voicemail account	<input type="radio"/>	<input type="radio"/>
17	Email account	<input type="radio"/>	<input type="radio"/>
18	TV and VCR	<input type="radio"/>	<input type="radio"/>
19	Easy access to a fax machine	<input type="radio"/>	<input type="radio"/>
20	Other (please specify) _____	<input type="radio"/>	<input type="radio"/>

6. How many total computers, by type and location, were available for you to use during class time as of June 2000?  
If you are not sure, just make your best estimate. Please fill in all boxes shaded in gray. If there are no computers of the indicated type in a particular location, put a 0 in for that item.

	TYPE OF COMPUTER (INCLUDING LAPTOPS)	NUMBER AVAILABLE IN					
		Your Classroom		Computer Lab		Library/Media Center	
		<sup>1</sup> Number of computers	<sup>2</sup> Number connected to the Internet	<sup>3</sup> Number of computers	<sup>4</sup> Number connected to the Internet	<sup>5</sup> Number of computers	<sup>6</sup> Number connected to the Internet
<b>MACINTOSH</b>							
A	Power Mac						
B	Other Apple/Macintosh						
<b>PC</b>							
C	Pentium with multimedia capabilities (e.g., sound card)						
D	Other PC						
E	Graphing Calculators						
F	Hand-held computer (e.g., Palm Pilot)						

7. What forms of technology support are available to you? How well is your school or district able to meet the need for specific types of technical support? **Choose one per item.**

	TYPE OF TECHNICAL SUPPORT	This is not provided	If provided, how well is the need for support met?		
			Not at all well	Fairly well	Extremely well
A	Installing equipment and networks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	Troubleshooting and maintaining equipment and networks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	Installing operating systems and software	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	Troubleshooting and maintaining operating systems and software	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E	Helping teachers to integrate computer activities with curriculum (e.g., help in preparing lesson plans)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
F	Selecting and acquiring computer-related hardware, software and support materials for schools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
G	Other. Please specify: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. Is there a "technology coordinator" at your school? (i.e., someone on the school or district staff who is in the building regularly, if not daily, to coordinate teachers' instructional use of computers and help you or other teachers use computers).

- Yes       No       Don't know

9. Please indicate where you go if you have questions regarding using educational technology for instruction. **Choose all that apply.**

	Where do you go with technology-related questions?	Choose ALL you have used
1	Your school Technology Coordinator	<input type="radio"/>
2	Your school Library/Media Specialist	<input type="radio"/>
3	Other teachers	<input type="radio"/>
4	Technology specialists in the district that serve your school part time	<input type="radio"/>
5	Representative from a hardware or software vendor	<input type="radio"/>
6	The Internet (i.e., a technical support web site or chat room)	<input type="radio"/>
7	Family and friends	<input type="radio"/>
8	Students	<input type="radio"/>
9	Other, please specify _____	<input type="radio"/>

10. Of the sources listed in question 9, please indicate the one that has been the most helpful to you by writing the line number below.

Most helpful \_\_\_\_\_

11. When technology breaks down, how long does it typically take to fix the problem? **Choose one.**

- Less than 1 day  
 1-2 days  
 3-4 days  
 5 days or more  
 Not sure



## II. Please tell us about your technology use

12. Was instruction on how to use educational technology (either for preparing to teach or for use while teaching) a part of your teacher preparation program? **Choose one per item.**

Before you began teaching, were any of the following included in your teacher preparation program?		No or very little	Yes, some	Yes, a lot	N/A
A	Modeling of effective use of educational technology by faculty in your undergraduate teacher preparation courses	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8
B	Instruction in how to effectively use educational technology in teaching	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8
C	The requirement that some form of proficiency in using educational technology in teaching be demonstrated (e.g., an electronic portfolio, development of an instructional unit that incorporated technology)	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8

13. In general, how did you learn to use educational technology, either for your personal and professional use or for use in teaching? **Please answer for each item, and to the right, please indicate how important each method was to your learning to use educational technology.**

You learned to use educational technology through...			If yes, how much of an impact did this have on your learning to use educational technology?			
	Yes	No	Slight impact	Moderate impact	Great impact	
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
A	<input type="radio"/> You have not learned or do not use technology at all (If checked, skip to question 15)					
B	...technology courses, workshops, or institutes sponsored by your district	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
C	...technology courses offered by a local college or organization other than your school district	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
D	...courses offered in your undergraduate or graduate training	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
E	...teaching myself to use it	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
F	...other teachers at my school	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
G	...students at my school	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
H	...family/friends	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
I	...your own K-12 schooling	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
J	...other, please specify _____	<input type="radio"/> 1	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3

14. Please indicate how often you use technology when doing the professional activities listed below and for how many years you have been doing so. **Choose the appropriate frequency and indicate number of years for each item.**

	How do you use educational technology in your professional activities?	Frequency					How long?
		Do not use technology for this activity	Less than once a month	A few times a month	A few times a week	Daily	Number of years since you began using technology for this activity
A	To create instructional materials (i.e., handouts, tests, etc.)	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
B	To gather information for planning lessons	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
C	To access model lesson plans	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
D	To access information and research on best practices for teaching	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
E	To create multimedia presentations for the classroom	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
F	To do administrative record keeping (i.e., grades, attendance, etc.)	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
G	To communicate with colleagues and/or other professionals	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
H	To communicate with students' parents	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
I	To communicate with students outside of classroom hours	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
J	To post homework or other class requirements, project information or suggestions	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
K	To post/share student work on the Web	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	
L	Other, please specify: _____	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	

15. Do you have ...

	Yes	No
A ...a computer at home?	1 <input type="radio"/>	0 <input type="radio"/>
B ...Internet access at home?	1 <input type="radio"/>	0 <input type="radio"/>



16. Please indicate to what extent, if any, the following are barriers to your use of educational technology. Choose one for each item.

To what extent, if any, are the following barriers to your use of educational technology?		Not a barrier	Small barrier	Moderate barrier	Great barrier
<b>Hardware/Peripherals</b>					
A	There aren't enough up-to-date computers in your school/classroom	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
B	There aren't enough computers connected to the Internet in your school/classroom	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
C	You don't have needed accessories: printers, projectors, zip-drives, etc.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
<b>Internet Resource Quality</b>					
D	Students can't access Web sites during the school day	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
E	Students do not have adequate access to technology outside of school	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
F	Students do not have adequate access to the Internet outside of school	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
G	Internet connection isn't fast enough for use while teaching	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
H	Internet connection isn't reliable enough, the network is frequently down	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
I	There's a lack of age-appropriate/educationally relevant Web sites	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
J	There's concern about student access to inappropriate materials on the Web	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
<b>Software Resources</b>					
K	Your school has not acquired appropriate software resources	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
L	There's a lack of educationally relevant software products	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
M	There's a lack of software products aligned with your curriculum standards	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
N	If you want relevant software, you have to purchase it yourself	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
<b>Logistical/Other Barriers</b>					
O	There's not enough time in the school schedule for students to do technology-related activities	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
P	You don't have time to develop the activities/lessons that use technology	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
Q	Inadequate technical support/advice for educational technology use	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
R	There's a lack of support from administrators for educational technology use	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
S	Inadequate training opportunities for teachers in educational technology use	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
T	Lack of release time to learn/practice/plan ways to use educational technology	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
U	Students do not have the needed skills to use technology	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
V	Other, please specify: _____	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>



### III. Please tell us about your technology-related professional development activities

Questions 17-23 refer to *Formal* technology-related professional development activities. Formal means the activity was organized, scheduled, and you committed to participating for a specific time period.

17. Please indicate all formal technology-related professional development that you participated in over the past year, meaning the 1999-2000 school year and including the summer of 2000. If you participated in an activity, please indicate the number of hours, and to what extent it prepared you to use educational technology.

**Do not report professional development not related to technology (e.g., reading), but DO report professional development activities in specific subject areas that included how to use educational technology in a particular subject.**

*We are treating these categories independently, so please report hours for each professional development activity under one category only.*

	Did you participate in or lead any of the following types of formal professional development activities related to technology?			How many hours?	To what extent did it prepare you to use educational technology in teaching?			
	Yes	No			Not at all	A small extent	A moderate extent	A great extent
A	1 <input type="radio"/>	0 <input type="radio"/>			1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
B	1 <input type="radio"/>	0 <input type="radio"/>			1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
C	1 <input type="radio"/>	0 <input type="radio"/>			1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
D	1 <input type="radio"/>	0 <input type="radio"/>			1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
E	1 <input type="radio"/>	0 <input type="radio"/>			1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
F	1 <input type="radio"/>	0 <input type="radio"/>			1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
G	1 <input type="radio"/>	0 <input type="radio"/>			1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
H	1 <input type="radio"/>	0 <input type="radio"/>			1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>

If you answered "No" on all lines A-H, please skip to Item 24.

18. Which of the following technology-related skills were emphasized in the formal professional development you participated in over the past year? Choose one for each item.

	Technology skill emphasized in professional development	Topic not covered	If covered, how much emphasis?		
			Low	Moderate	High
A	Using word processing programs	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
B	Using spreadsheet programs	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
C	Using database programs	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
D	Using drawing, painting, or image editing programs	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
E	Using desktop publishing or presentation programs (e.g., PowerPoint)	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
F	Using multimedia programs (e.g., Hyperstudio)	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
G	Using reference information on CD-ROM	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
H	Using Internet browsers (e.g., Netscape)	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
I	Using E-mail programs	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
J	Using Web page creation programs (e.g., FrontPage)	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
K	Using integrated learning systems (e.g., Jostens, CCC)	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
L	Using skills practice/tutorial programs	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
M	Trouble-shooting	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
N	Other, please specify: _____	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3

19. Which of the following topics related to **integrating educational technology into instruction** were emphasized in the formal professional development you participated in? Choose one per item.

	Integration of educational technology topic emphasized in professional development	Topic not covered	If covered, how much emphasis?		
			Low	Moderate	High
A	Helping students meet state and/or district technology standards	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
B	Using technology to teach in your primary content area	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
C	Creating lesson plans that incorporate technology and the Internet	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
D	Using software or technology activities that have already been developed	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
E	Using technology to teach basic skills and facts through drills, tutorials, and learning games	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
F	Using technology to promote active learning (e.g., using hands-on activities or guided discovery)	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
G	Using technology to promote critical thinking	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
H	Using technology to make possible collaborative activities with experts or other classes in other places	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
I	Using technology to assess student work (e.g., portfolios)	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
J	Using technology to analyze student assessment results (e.g., state/district assessment data)	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3
K	Other, please specify: _____	<input type="radio"/>	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3

20. To what extent has formal educational technology-related professional development increased the following? Choose one per item.

		To what extent increased?		
		Not at all or very little	To some extent	A great deal
A	...your overall ability to incorporate technology into your teaching	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
B	...your knowledge about and ability to use computers in general	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
C	...your interest in using computers	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
D	...your use of computers for communicating with parents, colleagues, and students, and in preparing to teach	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
E	...your ability to develop computer-based activities for student use	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
F	...your ability to use new teaching methods involving computer technology (e.g., online projects, simulations)	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
G	...your ability to use technology to teach basic skills and facts through drills, tutorials, and learning games	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
H	...your ability to use technology to make possible collaborative activities with experts or other classes in other places	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
I	...your classroom management strategies	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
J	...the critical thinking skills you try to develop in your students	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
K	...your students' academic achievement	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
L	...the way you assess student work	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
M	...your ability to find resources such as lesson plans on the Internet	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
N	...Other, please specify: _____	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>

21. To what extent did the formal educational technology-related professional development activities you participated in have the following characteristics? Choose one per item.

		To what extent were characteristics present?		
		Not at all or very little	To some extent	Yes, a great deal
A	... directly related to the content you teach	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
B	...appropriate to teachers' varying levels of knowledge, skills and interests	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
C	...for a substantial amount of time	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
D	...over multiple sessions, not a one-time experience	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
E	...followed by planning time during the workday to implement new practices in the classroom	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
F	...consistent with the goals for technology use in your district	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
G	...inclusive of other members of your school community	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
H	...accessible during school hours (i.e., substitutes were provided for you to attend)	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
I	...accessible during evening/weekend hours	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
J	...planned or delivered with input from teachers in your district	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
K	...an opportunity for you to meaningfully engage with colleagues and materials	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
L	...effective in increasing your ability to appropriately use educational technologies in teaching	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
M	...designed so that teachers who attended training were encouraged or expected to teach what they learned to other teachers in their schools	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>



22. Which of the following types of incentives are available to you for participation in educational technology-related professional development? **Choose all that apply.**

- 1 Release time from classes and/or other responsibilities
- 2 Scheduled time in contract for professional development
- 3 Stipends, tuition or fee reimbursement
- 4 Credits toward recertification
- 5 Salary increments or pay increases
- 6 Recognition or higher ratings on an annual teacher evaluation
- 7 Additional resources for you or your classroom (e.g., hardware, software)
- 8 None of the above
- 9 Other, please specify: \_\_\_\_\_

23. What were your reasons for participating in formal educational technology-related professional development? **Choose all that apply.**

- 1 Your state requires educational technology training for teachers
- 2 Your school/district requires educational technology training for teachers
- 3 Your school/district encourages educational technology training for teachers
- 4 You needed training to meet school/district technology competency standards for teachers
- 5 You chose educational technology training to fulfill a general professional development hours requirement
- 6 To learn technology skills to incorporate into/enhance your teaching practice
- 7 To learn technology skills to help you be more efficient
- 8 Personal interest in the topic
- 9 Because of incentives such as hardware, salary increase, release time, etc.
- 10 Other, please specify: \_\_\_\_\_

Questions 24-25 refer to *Informal* technology-related professional development activities. Informal means the activity was not led or planned by an individual or group, not scheduled in advance, and you did not need to commit to participation for a specific time period.

Please indicate all informal technology-related professional development that you participated in over the past year, meaning the 1999-2000 school year and including the summer of 2000. If you participated in an activity, please estimate the number of hours, and to what extent it prepared you to use educational technology.

*Do not report informal professional development not related to technology (e.g., reading), but DO report professional development activities in specific subject areas that included how to use educational technology in a particular subject.*

*We are treating these categories independently, so please report hours for each professional development activity under one category only.*

24. In the 1999-2000 school year and the summer of 2000, how many hours did you participate in any of the following types of **informal** educational technology-related professional development activities? How well did each of the activities prepare you to use educational technology?

	Did you participate in the following types of informal, technology-related professional development?		How many hours?	To what extent did it prepare you to use educational technology in teaching?				
	Yes	No		Not at all	A small extent	A moderate extent	A great extent	
A	Individual learning in which you read journals or other professional publications, browsed the Internet for materials, etc.	<input type="radio"/> 1	<input type="radio"/> 0		<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
B	Went to web sites to get information/materials about educational technology	<input type="radio"/> 1	<input type="radio"/> 0		<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
C	Informally worked with peers, family, or friends on skills related to technology in teaching	<input type="radio"/> 1	<input type="radio"/> 0		<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
D	Participated in on-line networks or chat-rooms with other teachers	<input type="radio"/> 1	<input type="radio"/> 0		<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
E	Visited an actual teacher resource center or professional development center which is staffed by lead or resource teachers and provides professional development materials/instruction	<input type="radio"/> 1	<input type="radio"/> 0		<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
F	Other forms of informal professional development related to the use of technology in teaching, please specify: _____ _____	<input type="radio"/> 1	<input type="radio"/> 0		<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4

If you answered "No" on all lines A-F, please skip to Item 26.

25. To what extent has **informal** educational technology-related professional development increased the following? **Choose one response per row.**

		To what extent increased?		
		Not at all or very little	To some extent	A great deal
A	...your overall ability to incorporate technology into your teaching	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
B	...your knowledge about and ability to use computers in general	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
C	...your interest in using computers	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
D	...your use of computers for communicating with parents, colleagues, students, and in preparing to teach	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
E	...your ability to develop computer-based activities for student use	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
F	...your ability to use new teaching methods involving computer technology (e.g., online projects, simulations)	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
G	...your ability to use technology to teach basic skills and facts through drills, tutorials, and learning games	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
H	...your ability to use technology to make possible collaborative activities with experts or other classes in other places	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
I	...your classroom management strategies	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
J	...the critical thinking skills you try to develop in your students	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
K	...your students' academic achievement	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
L	...the way you assess student work	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
M	...your ability to find resources such as lesson plans on the Internet	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
N	...Other, please specify: _____	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>

26. If you were to participate in professional development in educational technology, which topics below would best meet your needs? Please indicate the level of need in the appropriate column on the right. **Choose one for each item.**

Topics in professional development in educational technology you need to be addressed:		Level of need		
		Low/None	Medium	High
A	Basic computer skills	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
B	Use of various software application packages (e.g., PowerPoint, spreadsheets, PhotoShop, etc.)	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
C	How to integrate technology into the curriculum	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
D	Effective/ethical use of the Internet	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
E	Creating lesson plans that incorporate technology and the Internet	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
F	How to take advantage of distance learning opportunities	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
G	How to use technology to help students improve basic academic skills	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
H	New ways to evaluate student work using technology	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
I	Using classroom software or technology activities that have already been developed	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
J	Seeing demonstrations of technology-incorporated classroom activities	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
K	Learning about technology activities that require only 1 computer for the classroom	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
L	How to manage classroom activities that integrate technology	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
M	How to select good software	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
N	Other, please specify: _____	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>

27. What other educational technology-related support do you need? **Choose all that apply.**

- 1 List of popular software/websites
- 2 Information about the quality and effectiveness of software/websites
- 3 More support from administrators to obtain software
- 4 Pre-made activities that fit with the curriculum I teach
- 5 Time to practice and learn
- 6 An on-site support person to help me learn to incorporate technology into teaching
- 7 Other, please specify
- 8 None

28. Would you be willing to participate in more professional development in educational technology? **Choose one.**

- 1 Yes. (Go to Question 29)
- 0 No. (Skip to Question 30)

29. How much more technology-related professional development would you like to participate in next year?  
**Choose one, then go to question 31.**

- 1 1-9 hours
- 2 10-29 hours
- 3 30-59 hours
- 4 More than 60 hours
- 5 Other, please specify: \_\_\_\_\_

30. What are your reasons for not being interested in participating in professional development in educational technology at this time? **Choose all that apply.**

- 1 You prefer teaching with traditional tools
- 2 You know all you need to know about technology
- 3 You do not have adequate hardware/software to make training worthwhile
- 4 You have the hardware/software, but you do not have time to prepare new activities that utilize it
- 5 You have too many other time commitments to attend any more technology-related professional development activities
- 6 Your needs for professional development are greater in other areas than in educational technology
- 7 You are not paid for the time you spend in technology-related professional development
- 8 You have to pay for technology-related professional development yourself
- 9 Other, please specify \_\_\_\_\_



**IV. Please tell us about your technology use in teaching**

31. In your opinion, how well prepared are you to use computers and the Internet for classroom instruction?  
**Choose one.**

- 1 Not at all prepared
- 2 Somewhat well prepared
- 3 Moderately well prepared
- 4 Very well prepared

32. Based on the following scale, please rate your skill level in each of the following applications. **Choose one response for each row.**

**Entry** – You are just beginning to learn the basic skills and are aware of the possibilities, but you do not use often in your teaching practice.

**Adaptation** – You are familiar with a variety of uses of this, and often use to support your existing classroom practices and teaching strategies.

**Transformation** – Use of this tool has significantly changed your classroom practice; because of it you have crafted new curricula and new teaching and learning techniques.

	Please rate your skill level in each of the following applications	Not familiar with/don't use	Entry	Adaptation	Transformation
A	Computers in general	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
B	Word processing programs	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
C	Spreadsheet programs	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
D	Database programs	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
E	Drawing, painting, or image editing programs	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
F	Desktop publishing or presentation programs (e.g., PowerPoint)	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
G	Multimedia programs (e.g., HyperStudio)	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
H	Reference information on CD-ROM	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
I	Internet browsers (e.g., Netscape)	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
J	E-mail programs	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
K	Web page creation programs (e.g., FrontPage)	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
L	Integrated learning systems (e.g., Jostens, CCC)	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
M	Skills Practice/Tutorial programs	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
N	Other, please specify: _____	9 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>

33. With students in your main teaching assignment, how often do you use each of these applications as part of assignments or lessons? **Choose one for each item.**

	Do you use the following applications with students?	How often?						
		Never	1-2 times per school year	3-5 times per school year	About once a month	About twice a month	About once a week	Daily
A	Word processing programs	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
B	Spreadsheet programs	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
C	Database programs	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
D	Drawing or painting programs	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
E	Desktop publishing or presentation programs (e.g., PowerPoint)	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
F	Image editing programs (e.g., PhotoShop)	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
G	Multimedia programs (e.g., HyperStudio)	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
H	Reference information on CD-ROM	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
I	Internet browsers (e.g., Netscape)	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
J	E-mail programs	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
K	Web page creation programs	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
L	Programming languages	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
M	Integrated learning systems (e.g., Jostens)	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
N	Skills practice/Tutorial programs	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
O	Other, please specify: _____	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>

34. During class time in your main teaching assignment over the past year, how frequently did your students use educational technology to do the following? **Choose one per row.**

	How frequently did your students use technology during class to...	Never	1-2 times per school year	3-5 times per school year	About once a month	About twice a month	About once a week	Daily
A	...do practice drills	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
B	...solve problems/analyze data	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
C	...present information graphically	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
D	...produce multimedia reports/projects	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
E	...do research using CD-ROM	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
F	...do research using the Internet	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
G	...correspond with experts, authors, students from other schools, etc. via e-mail or Internet	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
H	...express themselves in writing	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
I	...participate in distance learning via the Internet or other interactive media	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
J	...improve their computer skills	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
K	...have free time, as a reward	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>
L	Other activity, please specify: _____	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>





37. The following is a list of changes that might or might not occur in teaching as a result of increased use of educational technology. Please indicate if any of the changes have occurred in your teaching as a result of your use of educational technology by indicating if you disagree or agree with the each of the following statements. **Choose one per item.**

	As a result of using educational technology in teaching:	Strongly disagree	Moderately disagree	Moderately agree	Strongly agree	N/A
A	I need longer blocks of instruction time/longer periods	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
B	Students work more collaboratively with one another	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
C	I find myself in the role of coach or advisor in the classroom more often than I used to	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
D	Students get so wound up, it is difficult to get them to settle down afterwards	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
E	I have gained skill in orchestrating multiple parallel activities in the classroom	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
F	Students can cheat more easily – copying work and turning it in as their own	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
G	I am more reflective about basic teaching goals and priorities	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
H	I have students work independently more, i.e., explore a topic on their own, revise own work	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
I	I feel like I give up too much instructional responsibility to the computer software – like I'm not really teaching	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
J	Students use computers in order to avoid doing more important work	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
K	Often too many students need my help at the same time	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
L	I have changed the way I organize classroom activities	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
M	I rely less on textbooks	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
N	I am better able to meet the needs of students with varying needs (e.g., low achieving or "gifted" students)	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>
O	Other, please specify _____ _____	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	8 <input type="radio"/>



38. Over the last three years, what changes in academic achievement/performance in your students have you noticed, if any, that may be related to the general increase in the use of educational technology? **Choose one per row.**

	Noticeable changes in students that may be related to use of educational technology	Decrease	Slight Decrease	No Change	Slight Increase	Increase	N/A or Don't know
A	The breadth of students' understanding of the subjects taught	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
B	The depth of students' understanding of the subjects taught	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
C	The amount of time students spend working with other students	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
D	Students' independence as learners	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
E	Students' engagement in activities	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
F	The quality of the products students are able to create	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
G	The quality of students' writing	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
H	The amount of initiative students take outside class-time—doing extra research, etc.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
I	Students' achievement on state/district assessments	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
J	Students' research skills	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
K	Students' problem- solving skills	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
L	The opportunity for students with special needs to participate meaningfully in the general curriculum	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>
M	Other, please specify: _____	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	9 <input type="radio"/>

39. What are the major disadvantages of using educational technology in teaching? Choose all items you consider to be disadvantages. **Choose all that apply.**

- 1  The gap between 'gifted' and other students is widening
- 2  Students confuse quality of presentation with quality of content
- 3  Students are able to hide their lack of knowledge in a subject with the aid of technology
- 4  Students confuse finding information about a topic on the Internet with understanding of that topic
- 5  ESL and LEP students are intimidated by the level of English on the Internet
- 6  Students only want to focus on the area of a project that involves the Internet and computers
- 7  Students who do not have or cannot afford computers, printers, graphing calculators, etc. at home are not performing as well in school
- 8  Technology interferes with the student/teacher relationship
- 9  It is difficult to monitor student activities on the Internet
- 10  Computers are hard to figure out how to use
- 11  It is difficult to integrate computer activities into most of your regular lesson plans
- 12  In general, teachers and students become too dependent on it. When technology breaks down they're lost
- 13  None of the above
- 14  Other, please specify \_\_\_\_\_

**V. Please tell us about you**

40. Indicate how much you disagree or agree with each of the following statements about teaching and learning. Choose one per item.

	Strongly Disagree	Moderately Disagree	Slightly Disagree	Slightly Agree	Moderately Agree	Strongly Agree
A Teachers know a lot more than students; they shouldn't let students get off track when they can just explain the answers	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6
B A quiet classroom is generally needed for effective learning	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6
C Students are not ready for "meaningful" learning until they have acquired basic reading and math skills	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6
D It is better when the teacher—not the students—decides what activities are to be done	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6
E Student projects often result in students learning incorrect/incomplete information or concepts	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6
F Homework is a good setting for having students answer questions posed in their textbooks	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6
G Instruction should be built around problems with clear, correct answers, and around ideas that most students can grasp quickly	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6
H How much students learn depends on how much background knowledge they have—that is why teaching facts is so necessary.	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6

41. What grade level do you primarily teach? If you teach more than one grade, please choose the grade level of the majority of your students.

- 1 1st
- 2 2nd
- 3 3rd
- 4 4th
- 5 5th
- 6 6th
- 7 7th
- 8 8th
- 9 9th
- 10 10th
- 11 11th
- 12 12th
- 13 Ungraded
- 14 Other, please specify \_\_\_\_\_



42. What is your current primary teaching assignment, that is, the field in which you teach or instruct the most classes? **Choose one.**

1 Self-Contained Classroom	<input type="radio"/>
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SUBJECT AREA	
2 English/language arts	<input type="radio"/>
3 Mathematics	<input type="radio"/>
4 Science	<input type="radio"/>
5 History/Social studies	<input type="radio"/>
6 Other, please specify _____	<input type="radio"/>

43. What is your average class size? \_\_\_\_\_

44. How many total students do you teach each week? \_\_\_\_\_

45. Please indicate the type of teacher certification you have and in what year it was received. **Choose all that apply.**

Type of teacher certification received	Year
1 <input type="radio"/> State teacher certification	_____
2 <input type="radio"/> Emergency/provisional certification	_____
3 <input type="radio"/> No certification	_____
4 <input type="radio"/> Other, please specify: _____	_____

46. Including this school year, how many total years have you been employed as a full or part-time teacher? \_\_\_\_\_ Years. (Include years spent teaching in public and private schools.)

47. Please indicate your level of formal education and in what year you earned your degree(s). **Choose all that apply.**

Degree earned	Year
1 <input type="radio"/> Associate degree or vocational certificate	_____
2 <input type="radio"/> Bachelor's degree	_____
3 <input type="radio"/> Master's degree	_____
4 <input type="radio"/> Master's +30	_____
5 <input type="radio"/> Doctorate (Ph.D. or Ed.D)	_____
6 <input type="radio"/> Other, please specify: _____	_____



## Thank You Very Much For Your Participation In This Survey.

Please return this survey in the enclosed envelope. If you do not have the return envelope, call 1-800-315-7020, or mail your questionnaire to:

JBL Associates  
6900 Wisconsin Avenue, Suite 606  
Bethesda, MD 20815  
Attn: ISET Survey

To Find Out More About The Integrated Studies Of Educational Technology,  
See:  
<http://www.ed.gov/Technology/iset.html>