

## **APPENDIX B**

### **TEACHER QUESTIONNAIRE**

U.S. DEPARTMENT OF EDUCATION  
NATIONAL CENTER FOR EDUCATION STATISTICS  
WASHINGTON, D.C. 20006-5651

FORM APPROVED  
O.M.B. No.: 1850-XXXX  
EXPIRATION DATE: XX/XXXX

**TEACHERS' USE OF EDUCATIONAL TECHNOLOGY  
IN U.S. PUBLIC SCHOOLS**

**OMB DRAFT 6/20/2008**

**FAST RESPONSE SURVEY SYSTEM**

This survey is authorized by law (P.L. 103-382). While participation in this survey is voluntary, your cooperation is critical to make the results of this survey comprehensive, accurate, and timely. Your answers may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose unless otherwise compelled by law. (Public Law 107-279, Education Sciences Reform Act, Section 183.)

**Definitions**

**Technology:** Information technology such as computers, devices that may be attached to computers (e.g., LCD projector, interactive whiteboard, digital camera), networks (e.g., Internet, local networks), and computer software. We specifically are not including non-computer technologies such as overhead projectors and VCRs.

**Classroom response system:** Wireless system allowing a teacher to pose a question and students to respond using "clickers" or hand-held response pads, with responses compiled on a computer.

**Document camera:** Device that transmits images of 2- or 3-dimensional objects, text, or graphics to a computer monitor or LCD projector.

**Blogs:** Websites where an individual or group creates a running log of entries that can be read by other users, such as in a journal.

**Wikis:** Collaborative websites that allow users to freely create and edit web page content (e.g., Wikipedia).

**Social networking websites:** Online social networks for communities of people who share interests and activities, or who are interested in exploring the interests and activities of others (e.g., Facebook, MySpace).

**Teacher in a self-contained classroom:** Teaches all or most academic subjects to the same group of students all or most of the day.

IF ABOVE SCHOOL INFORMATION IS INCORRECT, PLEASE UPDATE DIRECTLY ON LABEL.

Name of Person Completing This Form: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ E-mail: \_\_\_\_\_

Best days and times to reach you (in case of questions): \_\_\_\_\_

THANK YOU. PLEASE KEEP A COPY OF THE SURVEY FOR YOUR RECORDS.

<b>PLEASE RETURN COMPLETED FORM TO:</b>	<b>IF YOU HAVE ANY QUESTIONS OR COMMENTS, CONTACT:</b>
<b>Mail:</b> Cindy Gray (8096.15.03) Westat 1650 Research Boulevard Rockville, Maryland 20850-3195	Cindy Gray at Westat 800-937-8281, Ext. 4336 or 301-251-4336 E-mail: cgray@westat.com
<b>Fax:</b> 800-254-0984	

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 1850-XXXX. The time required to complete this information collection is estimated to average 20 minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate or suggestions for improving this form, please write to: U.S. Department of Education, Washington, DC 20202-4651. If you have any comments or concerns regarding the status of your individual submission of this form, write directly to: National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006.

1. Please report the following about computers in your classroom:

**In row a**, report the number of computers that are located in your classroom every day and the number of these with Internet access. (If none, enter 0.)

**In row b**, report the number of computers that can be brought into your classroom (e.g., laptops on carts) and the number of these that have Internet access. Indicate the number that are generally brought in at one time. (If none, enter 0.)

	Total number	Number with Internet access
a. Located in your classroom every day.....	_____	_____
b. Can be brought into your classroom (e.g., laptops on carts) (the number that are generally brought in at one time).....	_____	_____

2. How frequently do you or your students use computers during instructional time in the following locations? For row a, only select "not available" if you have no computers in your classroom and can not bring computers in (i.e., you entered zeros in questions 1a and 1b). (Circle one on each line.)

	Not available	Never	Rarely	Sometimes	Often
a. In your classroom.....	1	2	3	4	5
b. Other location in your school.....	1	2	3	4	5

3. Are the following devices available to you in your classroom or as needed? If so, how frequently are they used for instruction during your class(es)? Include only devices provided by the school or district.

Device	Type of availability			Frequency of use			
	Not available	Available as needed	In class-room every day	Never	Rarely	Some-times	Often
a. LCD projector	1	2	3	1	2	3	4
b. Videoconference unit	1	2	3				
c. Interactive whiteboard (e.g., SMART Board, Activboard)	1	2	3				
d. Classroom response system (definition on cover)	1	2	3				
e. Digital camera	1	2	3				
f. MP3 player/iPod	1	2	3				
g. Document camera (definition on cover)	1	2	3				
h. Handheld device (e.g., Palm OS, Windows CE, Pocket PC, BlackBerry)	1	2	3				
i. Other (specify)	1	2	3				

4. How frequently do you use a system on your school or district network for the following? Select "not available" if your school or district does not make a system **on the network** available to you for that activity. (Circle one on each line.)

	Not available	Never	Rarely	Some-times	Often
a. Entering or viewing grades.....	1	2	3	4	5
b. Entering or viewing attendance records.....	1	2	3	4	5
c. Administering assessments.....	1	2	3	4	5
d. Entering or viewing results of student assessments.....	1	2	3	4	5
e. Entering or viewing Individual Education Plans (IEPs) or parts of the IEP relevant to your interactions with the student.....	1	2	3	4	5

5. How frequently do you use remote access (e.g., access from home) for the following? Select "not available" if your school or district does not give you remote access for that item. (Circle one on each line.)

	Not available	Never	Rarely	Some-times	Often
a. Remote access to your school email.....	1	2	3	4	5
b. Remote access to your documents on the school/district server....	1	2	3	4	5
c. Remote access to student data.....	1	2	3	4	5
d. Remote access to school/district software applications.....	1	2	3	4	5

6. In general, how frequently do you use the following for classroom preparation, instruction, or administrative tasks? (Circle one on each line.)

	Never	Rarely	Some-times	Often
a. Word processing software.....	1	2	3	4
b. Database management software (e.g., Access).....	1	2	3	4
c. Spreadsheets and graphing programs (e.g., Excel).....	1	2	3	4
d. Software for managing student records.....	1	2	3	4
e. Software for desktop publishing.....	1	2	3	4
f. Graphics, image-editing software (e.g., Photoshop, KidPix).....	1	2	3	4
g. Software for making presentations (e.g., PowerPoint, Keynote).....	1	2	3	4
h. Software for administering tests.....	1	2	3	4
i. Simulation and visualization programs.....	1	2	3	4
j. Drill/practice programs/tutorials.....	1	2	3	4
k. Subject-specific programs.....	1	2	3	4
l. The Internet.....	1	2	3	4
m. Blogs and/or wikis (definitions on cover).....	1	2	3	4
n. Social networking websites (definition on cover).....	1	2	3	4
o. Other applications (specify) _____	1	2	3	4

7. In general, how frequently do your **students** perform the following activities **using educational technology** during your class(es)? Select "not applicable" for activities that do not apply to your students. (Circle one on each line.)

	Not applicable	Never	Rarely	Some-times	Often
a. Prepare written text (e.g., word processing, desktop publishing)...	1	2	3	4	5
b. Create or use graphics or visual displays (e.g., graphs, diagrams, pictures, maps).....	1	2	3	4	5
c. Learn or practice basic skills (e.g., reading or math skills).....	1	2	3	4	5
d. Conduct research (e.g., Internet searching, using reference materials on CD-ROM).....	1	2	3	4	5
e. Correspond with others (e.g., students, teachers, experts) via email, network, or Internet.....	1	2	3	4	5
f. Use blogs or wikis (definitions on cover).....	1	2	3	4	5
g. Use social networking websites (definition on cover).....	1	2	3	4	5
h. Solve problems, analyze data, or perform calculations.....	1	2	3	4	5
i. Conduct experiments or perform measurements.....	1	2	3	4	5
j. Develop and present multimedia presentations.....	1	2	3	4	5
k. Create art, music, movies, or webcasts.....	1	2	3	4	5
l. Develop or run demonstrations, models, or simulations.....	1	2	3	4	5
m. Design and produce a product (e.g., computer-aided manufacturing).....	1	2	3	4	5
n. Other (specify) _____	1	2	3	4	5

8. How frequently do you use the following to communicate with parents and students? (Circle one for parents and one for students on each line.)

Communication mode	Parents				Students			
	Never	Rarely	Some-times	Often	Never	Rarely	Some-times	Often
a. Email or list-serve to send out group updates or information	1	2	3	4	1	2	3	4
b. Email to address individual concerns								
c. Online bulletin board for class discussion (e.g., Blackboard, Moodle)								
d. Course or teacher web page								
e. Course or teacher blog ( <i>definition on cover</i> )								
f. Instant messaging								

9. To what extent has each of the following prepared you to make effective use of educational technology for instruction? If you did not participate in an activity, select "not applicable." (Circle one on each line.)

	Not applicable	Not at all	Minor extent	Moderate extent	Major extent
a. Undergraduate teacher education program.....	1	2	3	4	5
b. Graduate teacher education program.....	1	2	3	4	5
c. Professional development activities.....	1	2	3	4	5
d. Training provided by staff responsible for technology support and/or integration at your school.....	1	2	3	4	5
e. Independent learning.....	1	2	3	4	5
f. Other ( <i>specify</i> ) _____	1	2	3	4	5

10. During the last 12 months, how many hours did you spend in professional development activities for **educational technology** (e.g., workshops, courses, coordinated workgroups)? (Circle only one.)

0 hours.....	1	<b>(Skip to Q12.)</b>	17–32 hours.....	4
1–8 hours.....	2		33 hours or more.....	5
9–16 hours.....	3			

11. Please indicate the extent to which you agree or disagree with the following statements as they relate to the professional development in **educational technology** that you took during the last 12 months. (Circle one on each line.)

	Strongly disagree	Somewhat disagree	Somewhat agree	Strongly agree
a. It met my goals and needs.....	1	2	3	4
b. It supported the goals and standards of my state, district, and school.	1	2	3	4
c. It applied to technology available in my school.....	1	2	3	4
d. It was available at convenient times and places.....	1	2	3	4

12. This school year, what is your main teaching assignment (the field in which you teach the most classes)? (Circle one.)

Special education.....	1	Health/physical education.....	7
General education in a self-contained classroom ( <i>definition on cover</i> ).....	2	Mathematics/computer science.....	8
Arts and Music.....	3	Science.....	9
English/language arts.....	4	Social sciences/social studies.....	10
English as a second language.....	5	Vocational, career, or technical education.....	11
Foreign languages.....	6	Other ( <i>specify</i> ) _____	12

13. What grade(s) do you currently teach at this school? (Circle all that apply.)

PK    K    1    2    3    4    5    6    7    8    9    10    11    12    Ungraded

14. This school year, how many students do you have in your classroom at one time, on average? \_\_\_\_\_

15. Including this school year, how many years have you worked as an elementary or secondary teacher? *Include years spent teaching both full and part time and in public and private schools.* \_\_\_\_\_ Years

