Attachment 3:

Fast Response Survey System (FRSS) 110:

Use of Educational Technology for Instruction in Public

Schools – Pretest

Pretest Call Questionnaire

OMB# 1850-0803 v.254

August 2019

National Center for Education Statistics (NCES)
U.S. Department of Education

NCES is authorized to conduct this survey by the Education Science Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543). While participation in this survey is voluntary, your cooperation is critical to make the results of this survey comprehensive, accurate, and timely. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

- **This survey is designed to be completed by the principal or the person most knowledgeable about the use of educational technology for instruction <u>at the school indicated on the front of this survey</u>.**

- **Please respond for the 2019–20 school year.**

- **For purposes of this survey, computers include desktop, laptop, and tablet computers (including Chromebooks and iPads). Smartphones are <u>not</u> included in the definition of computers.**

Name of person completing this form:_____

Title of person completing this form:_____

Name of school:_____

Telephone number:_____   E-mail:_____

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

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

FRSS Form No. 110, 01/2020

> **For purposes of this survey, computers include desktop, laptop, and tablet computers (including Chromebooks and iPads). Smartphones are <u>not</u> included in the definition of computers.**

1. Does this school have a computer for every student in the school? ***(See definition of computer in box above.)***

   Yes.... ☐ *(Skip to question 3.)*   No….. ☐ *(Continue with question 2.)*

2. Does this school have a computer for every student in some grade levels or classrooms?

   Yes.... ☐ *(Continue with question 3.)*   No….. ☐ *(Skip to question 4.)*

3. Are students at this school allowed to take school-provided computers home with them at the end of the day? *(Do <u>not</u> include computers assigned only to special education students, or computers borrowed on a short-term basis.)*

   Yes, in all grade levels.......... ☐   Yes, but only in some grade levels...... ☐   No...... ☐

4. How many **computers for student use** does this school have in the following locations?
   - See definition of computer in box above.
   - Count all computers for student use, and **count each computer in only one location**.

Location of computers for student use *(count each computer in only one location)*	Number of computers for student use
a. Computers assigned to individual students that they carry with them during the school day	
b. Computers assigned to stay in a specific classroom	
c. Computers that move from classroom to classroom (e.g., on carts that teachers check out)	
d. Computers located in resource rooms, computer labs, or the library/media center	
e. Computers in other locations *(specify location)*	

5. How would you rate the overall quality of the instructional computers at this school? *(Check one.)*

   Poor.......................... ☐   Fair............................ ☐   Good.......................... ☐   Very good................... ☐

6. How would you rate the overall quality of the software used for instruction at this school? *(Check one.)*

   Poor.......................... ☐   Fair............................ ☐   Good.......................... ☐   Very good................... ☐

7. To what extent do the computers at this school meet the school's instructional needs? *(Check one.)*

   Not at all..................... ☐   Small extent............... ☐   Moderate extent......... ☐   Large extent............... ☐

8. When teachers at this school want to use computers with their students, how easy is it for them to find enough computers to use in a lab or in their classroom? *(Check one.)*

   Always easy............... ☐   Usually easy............... ☐   Usually difficult........... ☐   Always difficult........... ☐

9. In general, how reliable is the Internet connection in the instructional areas of this school? *(Check one.)*

   Not reliable................ ☐   Slightly reliable........... ☐   Somewhat reliable….. ☐   Very reliable............... ☐

10. To what extent does this school experience problems with Internet connectivity or speed when large numbers of students must be online at the same time (e.g., during state testing periods)? *(Check one.)*

    Not at all..................... ☐   Small extent............... ☐   Moderate extent......... ☐   Large extent............... ☐

11. How much flexibility do school-level leaders at this school have in determining which types and how much educational technology is purchased for this school? *(Check one.)*

    None.......................... ☐   Minimal...................... ☐   Moderate.................... ☐   A lot........................... ☐

12. How much flexibility do school-level leaders at this school have in determining which types and how much professional development in educational technology is provided for this school? *(Check one.)*

    None.......................... ☐   Minimal...................... ☐   Moderate.................... ☐   A lot........................... ☐

13. Does this school allow students to borrow computers to take home on a short-term basis (e.g., for a day or a week)? *(Do __not__ include computers assigned to special education students for home use.) (Check one.)*

☐ Not applicable, all students take a district-or school provided computer home with them
☐ Yes, students can borrow computers on a short term basis
☐ No, students cannot borrow computers on a short term basis

14. Does this school provide mobile hotspots or web-enabled devices with paid data plans for students to take home for Internet access?

Yes.... ☐   No..... ☐

15. Please indicate the extent to which various types of online resources are used for instruction at this school. *(Check one on each line.)*

Type of online instructional resource	Extent online resources are used for instruction			
	Not at all	Small extent	Moderate extent	Large extent
a. School uses online, interactive textbooks in some courses/classes	☐	☐	☐	☐
b. School uses online, non-interactive ("click-through") textbooks in some courses/classes	☐	☐	☐	☐
c. School uses online supplemental materials for instruction (e.g., study guides, online science modules or labs, practice exams)	☐	☐	☐	☐
d. School uses online self-contained packages for instruction (e.g., Read 180, Imagine Math)	☐	☐	☐	☐
e. School participates in online interactive experiences (e.g., visits with NASA astronauts; National Geographic expeditions; scientific field studies)	☐	☐	☐	☐
f. Teachers use online resources that they locate themselves for instruction	☐	☐	☐	☐
g. Teachers create their own online instructional materials to use in their classes	☐	☐	☐	☐

16. Please indicate the extent to which each of the following statements about educational technology applies to the teachers at this school. *(Check one on each line.)*

Educational technology use and professional development	Extent applies to teachers at this school			
	Not at all	Small extent	Moderate extent	Large extent
a. Teachers use educational technology for activities normally done in the classroom (e.g., to grade quizzes, to facilitate a class lecture or discussion)	☐	☐	☐	☐
b. Teachers use educational technology for classroom activities that would not be possible without technology (e.g., to conduct online simulations, manipulate 3-D models, take virtual tours)	☐	☐	☐	☐
c. Teachers are provided professional development that focuses on the mechanics of how to use a computer or specific software	☐	☐	☐	☐
d. Teachers are provided professional development that focuses on how to use educational technology during classroom instruction for specific areas of the curriculum	☐	☐	☐	☐

17. Please indicate whether the following types of staff work with teachers at this school to integrate educational technology into classroom instruction. *(Report a staff member in only one category.) (Check one on each line.)*

Type of staff working with teachers at this school to integrate educational technology into instruction	Yes	No
a. District or school curriculum specialist whose primary focus is curriculum content	☐	☐
b. District or school educational technology specialist whose primary focus is educational technology	☐	☐
c. Classroom teachers who have received specialized training in educational technology	☐	☐
d. Other types of school staff (e.g., library media specialist, principal, resource teacher) *(__Exclude__ classroom teachers and curriculum and educational technology specialists reported above.)*	☐	☐

18. Please indicate the extent to which you agree or disagree with each of the following statements about how student learning is affected by the ways that educational technology is used in the instructional program at this school. *(Check one on each line.)*

Effect of ways educational technology is used in this school	Strongly agree	Somewhat agree	Somewhat disagree	Strongly disagree
a. Helps students be more independent and self-directed in their learning	☐	☐	☐	☐
b. Helps students engage in more active learning	☐	☐	☐	☐
c. Helps students learn at their own pace	☐	☐	☐	☐
d. Helps students learn collaboratively with peers	☐	☐	☐	☐
e. Helps students think critically	☐	☐	☐	☐

19. Please indicate the extent to which you agree or disagree with each of the following statements about the use of educational technology in the instructional program at this school. *(Check one on each line.)*

Educational technology use in the instructional program at this school	Strongly agree	Somewhat agree	Somewhat disagree	Strongly disagree
a. Teachers are sufficiently trained in the mechanics of technology use	☐	☐	☐	☐
b. Teachers are sufficiently trained to integrate technology into classroom instruction	☐	☐	☐	☐
c. Teachers are interested in using technology in classroom instruction	☐	☐	☐	☐
d. Technical support for educational technology is adequate	☐	☐	☐	☐
e. Use of educational technology is adversely affected by competing priorities in the classroom	☐	☐	☐	☐

20. Please indicate the extent to which each of the following is a challenge for teachers at this school in using educational technology for instruction. *(Check one on each line.)*

Type of challenge for teachers at this school in using educational technology for instruction	Not a challenge	Small challenge	Moderate challenge	Large challenge
a. Lack of time for teachers to become familiar with new technologies and integrate them into their instruction	☐	☐	☐	☐
b. The steep learning curve for teachers regarding educational technology	☐	☐	☐	☐
c. Ensuring that the use of technology is truly contributing to learning	☐	☐	☐	☐
d. Identifying high quality educational technology resources that will address learning needs	☐	☐	☐	☐
e. Staying up to date with the technology	☐	☐	☐	☐
f. Outdated computers/software	☐	☐	☐	☐
g. Insufficient number of computers	☐	☐	☐	☐
h. Insufficient or inadequate software	☐	☐	☐	☐
i. Insufficient or inadequate Internet speed	☐	☐	☐	☐
j. Insufficient or inadequate support on how to use technology in the classroom	☐	☐	☐	☐
k. Teachers need to spend time helping students learn the basic skills needed to use computers effectively	☐	☐	☐	☐

21. What grades are currently taught at this school? *(Circle all that apply.)*

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

22. How many students are currently enrolled at this school? _____