NAEP

NATIONAL ASSESSMENT
OF EDUCATIONAL
PROGRESS

2019

Computer Access and Familiarity Study

General Information

Grades 4, 8, & 12

National Assessment of Educational Progress

2019 Computer Access and Familiarity Study
General Information

Letter From Dr. Peggy Carr, NCES

As Associate Commissioner of the National Center for Education Statistics (NCES), and on behalf of the National Assessment of Educational Progress (NAEP), I want to thank you for your participation in the 2019 NAEP assessments. The NAEP program is an essential measure of student achievement in the United States. NAEP results provide valuable information on what students in our country know and can do in various subjects.

In 2019, some students participating in the NAEP assessments will also be asked to complete a 15-minute survey questionnaire called the Computer Access and Familiarity Study (CAFS). This booklet includes details about this study and general information about the NAEP assessments. To view the 2019 CAFS student survey questionnaire online, visit https://nces.ed.gov/nationsreportcard/experience/survey_questionnaires.aspx.

Additional information about NAEP for teachers and schools can be found at http://nces.ed.gov/nationsreportcard/educators, including more details about the NAEP assessment and the critical role of educators in the NAEP program.

If you have any questions or comments regarding NAEP or would like to view previous report cards, please visit the NAEP website at http://nces.ed.gov/nationsreportcard. To learn more about NAEP digitally based assessments and view tutorials, visit https://nces.ed.gov/nationsreportcard/dba.

Peggy G. Carr, Ph.D.
Associate Commissioner
National Center for Education Statistics
Institute of Education Sciences

Paperwork Reduction Act Statement

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 voluntary information collection is 1850-0928. The time required to complete this information collection is estimated to average 105 minutes, 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, suggestions for improving this collection, or any comments or concerns regarding the status of your individual submission, please write to: *National Assessment of Educational Progress (NAEP), National Center for Education Statistics (NCES), Potomac Center Plaza, 550 12th St., SW, 4th floor, Washington, DC 20202*.

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Authorization and Confidentiality Assurance

National Center for Education Statistics (NCES) is authorized to conduct NAEP by the National Assessment of Educational Progress Authorization Act (20 U.S.C. §9622). All of the information provided by participants 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). By law, every NCES employee as well as every NCES agent, such as contractors and NAEP coordinators, has taken an oath and is subject to a jail term of up to 5 years, a fine of $250,000, or both if he or she willfully discloses ANY identifiable information about you. Electronic submission of your information will be monitored for viruses, malware, and other threats by Federal employees and contractors in accordance with the Cybersecurity Enhancement Act of 2015. The collected information will be combined across respondents to produce statistical reports.

A project of the National Center for Education Statistics (NCES), Institute of Education Sciences, U.S. Department of Education.

II. Computer Access and Familiarity Study

NAEP is transitioning from paper-based assessments to digitally based assessments. As part of this transition, NAEP is interested in gathering information about students' access to and familiarity with technology, at home and at school. The Computer Access and Familiarity Study (CAFS) will be conducted with a subset of students participating in the 2019 NAEP assessments in science at grades 4 and 8 and mathematics, reading, and science at grade 12. After completing their NAEP assessment, students selected for the study will spend approximately 10–15 minutes answering survey questions about their access to and familiarity with technology. Students participating in the paper-and-pencil assessments in 2019 will take the CAFS questions on paper, while students taking the digitally based assessments will respond to the study questions on a tablet with a keyboard. The results of the study will be used to examine the relationship between students' access to and experience with technology and their performance on NAEP mathematics and reading assessments at grades 4, 8, and 12.

> **To access the 2019 CAFS student survey questionnaire online, visit https://nces.ed.gov/nationsreportcard/experience/survey_questionnaires.aspx.**

III. CAFS Student Survey Questionnaires
Directions

In this section, you will answer questions about different kinds of computers, tablets, and smartphones. Here are four pictures that show examples of each of these types of devices. Please use the help button to refer back to these pictures as necessary in order to understand and answer the questions that follow.

This is an example of a desktop computer.	This is an example of a laptop computer.
This is an example of a smartphone. A smartphone is any phone that is able to connect to the Internet. Besides making phone calls and taking pictures, smartphones allow you to do many of the same things as a desktop or laptop computer.	This is an example of a tablet. A tablet is bigger than a smartphone. It allows you to do many of the same things as a smartphone. If you use a tablet at school, you might also do some things that you probably wouldn't do with a smartphone. For example, you might read books or practice math problems.

Tap Next to continue.

CAFS Student Survey Questionnaire
Grade 4

1. **At home**, do you have any of the following? Select **one** answer choice on each row.

VH270138

	Yes	No	
a. A **laptop or desktop computer** that is only for your use	Ⓐ	Ⓑ	VH270141
b. A **laptop or desktop computer** that is shared between you and others	Ⓐ	Ⓑ	VH270142
c. A **tablet** that is only for your use	Ⓐ	Ⓑ	VH270139
d. A **tablet** that is shared between you and others	Ⓐ	Ⓑ	VH270140
e. **Wi-Fi** or some other **Internet connection** you can use	Ⓐ	Ⓑ	VH270143
f. A **smartphone** that is only for your use	Ⓐ	Ⓑ	VH270144

VH270100

2. When did you first use a **laptop or desktop computer**?

   Ⓐ I have never used one.

   Ⓑ Before I was in kindergarten

   Ⓒ When I was in kindergarten

   Ⓓ When I was in first, second, or third grade

   Ⓔ When I was in fourth grade

VH270092

3. When did you first use a **tablet**?

   Ⓐ Never until this assessment

   Ⓑ Before I was in kindergarten

   Ⓒ When I was in kindergarten

   Ⓓ When I was in first, second, or third grade

   Ⓔ When I was in fourth grade

VH270101

4. When did you first use a **smartphone**?

Ⓐ I have never used one.

Ⓑ Before I was in kindergarten

Ⓒ When I was in kindergarten

Ⓓ When I was in first, second, or third grade

Ⓔ When I was in fourth grade

VH270147

5. On a weekday, about **how many hours** do you use a **laptop or desktop computer** for doing schoolwork, including homework?

Ⓐ None

Ⓑ Less than an hour

Ⓒ 1 to 2 hours

Ⓓ 2 to 3 hours

Ⓔ 3 to 4 hours

Ⓕ More than 4 hours

VH270148

6. On a weekday, about **how many hours** do you use a **tablet** for doing schoolwork, including homework?

Ⓐ None

Ⓑ Less than an hour

Ⓒ 1 to 2 hours

Ⓓ 2 to 3 hours

Ⓔ 3 to 4 hours

Ⓕ More than 4 hours

7. Were you taught any of the following **at school**? Select **one** answer choice on each row.

VH597657

	Yes	**No**	
a. How to type on a computer keyboard using the correct fingers	Ⓐ	Ⓑ	VH270150
b. How to write sentences and paragraphs using a computer	Ⓐ	Ⓑ	VH270151
c. How to edit text using a computer	Ⓐ	Ⓑ	VH270164
d. How to search for information on the Internet	Ⓐ	Ⓑ	VH270152
e. How to use a tablet	Ⓐ	Ⓑ	VH270156
f. How to look up the meaning of a word using a computer	Ⓐ	Ⓑ	VH270157

VH270165

8. Which of the following are true about the ways in which you and your teachers use computers **at school**? Select **one** answer choice on each row.

	Yes	**No**	
a. In most of my classes there are **laptop or desktop computers** that I can use for schoolwork.	Ⓐ	Ⓑ	VH270166
b. In most of my classes there are **tablets** that I can use for schoolwork.	Ⓐ	Ⓑ	VH270167
c. There is **Wi-Fi** or some other **Internet connection** that I can use for schoolwork.	Ⓐ	Ⓑ	VH270170
d. Most of my teachers use computers when teaching my classes.	Ⓐ	Ⓑ	VH270169
e. Most of my teachers require us to use computers in the classroom.	Ⓐ	Ⓑ	VH270168

VH270116

9. Has your school assigned you a **laptop or desktop computer** that only you can use?

Ⓐ No

Ⓑ Yes, but I cannot take it home with me.

Ⓒ Yes, and I can take it home with me (laptop only).

VH270117

10. Has your school assigned you a **tablet** that only you can use?

   Ⓐ No

   Ⓑ Yes, but I cannot take it home with me.

   Ⓒ Yes, and I can take it home with me.

VH597710

11. This school year, how often have you used a **laptop or desktop computer** to do each of the following? Select **one** answer choice on each row.

	Never	A few times	Once every few weeks	About once a week	More than once a week	
a. Write a short paper (less than a page) for school	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270172
b. Write a paper for school that was longer than a page	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270173
c. Search the Internet for a school project	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270174
d. Practice things in **mathematics** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270181
e. Practice things in **reading** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270177
f. Take a test	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270175

VH597752

12. **This school year**, how often have you used a **tablet** to do each of the following? Select **one** answer choice on each row.

	Never	A few times	Once every few weeks	About once a week	More than once a week	
a. Write a short paper (less than a page) for school	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270183
b. Write a paper for school that was longer than a page	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270188
c. Search the Internet for a school project	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270184
d. Practice things in **mathematics** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270185
e. Practice things in **reading** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270186
f. Take a test	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270192

VH270130

13. Which best describes the way you type on a computer keyboard?

Ⓐ I don't know how to type using a computer keyboard.

Ⓑ I can type with one or two fingers, but I have to search for where the letter keys are.

Ⓒ I can type with one or two fingers, and I know where most of the letter keys are.

Ⓓ I can type with all ten fingers when I look at the keyboard.

Ⓔ I can type with all ten fingers without looking at the keyboard.

VH270132

14. Would you rather take a test at school using paper and pencil or using a computer?

Ⓐ Paper and pencil

Ⓑ Computer

VH597769

15. Do you think you would be able to do each of the following? Select **one** answer choice on each row.

	I definitely can't.	I probably can't.	I probably can.	I definitely can.	
a. Write sentences and paragraphs using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270229
b. Edit text using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270218
c. Use a touchscreen on a computer, tablet, or smartphone	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270230
d. Look up the meaning of a word using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270225
e. Draw a picture using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270226

VH597794

16. How familiar are you with each of the following? Select **one** answer choice on each row.

	Never heard of it	Heard of it once or twice	Heard of it often	Know it well, understand the concept	
a. Wi-Fi	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270196
b. Firewall	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270197
c. Neuro-digital computing	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270199
d. Instant messaging	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270200
e. Cut and paste	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270203
f. Pyramidal browser	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270204
g. Spreadsheet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270206
h. Limbic wire	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270207
i. Spinalbyte	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270208
j. Server	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270210
k. Callosum board	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270214

CAFS Student Survey Questionnaire
Grade 8

1. **At home**, do you have any of the following? Select **one** answer choice on each row.

	Yes	No	
a. A **laptop or desktop computer** that is only for your use	Ⓐ	Ⓑ	VH270141
b. A **laptop or desktop computer** that is shared between you and others	Ⓐ	Ⓑ	VH270142
c. A **tablet** that is only for your use	Ⓐ	Ⓑ	VH270139
d. A **tablet** that is shared between you and others	Ⓐ	Ⓑ	VH270140
e. **Wi-Fi** or some other **Internet connection** you can use	Ⓐ	Ⓑ	VH270143
f. A **smartphone** that is only for your use	Ⓐ	Ⓑ	VH270144

2. When did you first use a **laptop or desktop computer**?

   Ⓐ I have never used one.

   Ⓑ Before I was in kindergarten

   Ⓒ When I was in kindergarten

   Ⓓ When I was in first, second, or third grade

   Ⓔ When I was in fourth or fifth grade

   Ⓕ When I was in sixth, seventh, or eighth grade

3. When did you first use a **tablet**?

   Ⓐ Never until this assessment

   Ⓑ Before I was in kindergarten

   Ⓒ When I was in kindergarten

   Ⓓ When I was in first, second, or third grade

   Ⓔ When I was in fourth or fifth grade

   Ⓕ When I was in sixth, seventh, or eighth grade

4. When did you first use a **smartphone**?

   &Ⓐ I have never used one.

   Ⓑ Before I was in kindergarten

   Ⓒ When I was in kindergarten

   Ⓓ When I was in first, second, or third grade

   Ⓔ When I was in fourth or fifth grade

   Ⓕ When I was in sixth, seventh, or eighth grade

5. **On a weekday**, about **how many hours** do you use a **laptop or desktop computer** for doing schoolwork, including homework?

   Ⓐ None

   Ⓑ Less than an hour

   Ⓒ 1 to 2 hours

   Ⓓ 2 to 3 hours

   Ⓔ 3 to 4 hours

   Ⓕ More than 4 hours

6. **On a weekday**, about **how many hours** do you use a **tablet** for doing schoolwork, including homework?

   Ⓐ None

   Ⓑ Less than an hour

   Ⓒ 1 to 2 hours

   Ⓓ 2 to 3 hours

   Ⓔ 3 to 4 hours

   Ⓕ More than 4 hours

7. Were you taught any of the following **at school**? Select **one** answer choice on each row.

	Yes	No	
a. How to type on a computer keyboard using the correct fingers	Ⓐ	Ⓑ	VH270150
b. How to write sentences and paragraphs using a computer	Ⓐ	Ⓑ	VH270151
c. How to edit text using a computer	Ⓐ	Ⓑ	VH270164
d. How to search for information on the Internet	Ⓐ	Ⓑ	VH270152
e. How to use a tablet	Ⓐ	Ⓑ	VH270156
f. How to look up the meaning of a word using a computer	Ⓐ	Ⓑ	VH270157
g. How to create a spreadsheet using a computer	Ⓐ	Ⓑ	VH270154
h. How to create a presentation using a computer	Ⓐ	Ⓑ	VH270155
i. How to run simulations using a computer	Ⓐ	Ⓑ	VH270159
j. How to write a computer program or app	Ⓐ	Ⓑ	VH270160
k. How to create a graph or chart using a computer	Ⓐ	Ⓑ	VH270161
l. How to troubleshoot problems with a computer	Ⓐ	Ⓑ	VH270158

8. Which of the following are true about the ways in which you and your teachers use computers **at school**? Select **one** answer choice on each row.

VH270165

	Yes	**No**	
a. In most of my classes there are **laptop or desktop computers** that I can use for schoolwork.	Ⓐ	Ⓑ	VH270166
b. In most of my classes there are **tablets** that I can use for schoolwork.	Ⓐ	Ⓑ	VH270167
c. There is **Wi-Fi** or some other **Internet connection** that I can use for schoolwork.	Ⓐ	Ⓑ	VH270170
d. Most of my teachers use computers when teaching my classes.	Ⓐ	Ⓑ	VH270169
e. Most of my teachers require us to use computers in the classroom.	Ⓐ	Ⓑ	VH270168

VH270116

9. Has your school assigned you a **laptop or desktop computer** that only you can use?

   Ⓐ No

   Ⓑ Yes, but I cannot take it home with me.

   Ⓒ Yes, and I can take it home with me (laptop only).

VH270117

10. Has your school assigned you a **tablet** that only you can use?

   Ⓐ No

   Ⓑ Yes, but I cannot take it home with me.

   Ⓒ Yes, and I can take it home with me.

11. **This school year**, how often have you used a **laptop or desktop computer** to do each of the following? Select **one** answer choice on each row.

	Never	A few times	Once every few weeks	About once a week	More than once a week	
a. Write a short paper (less than a page) for school	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270172
b. Write a paper for school that was longer than a page	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270173
c. Search the Internet for a school project	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270174
d. Practice things in **mathematics** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270181
e. Practice things in **reading** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270177
f. Take a test	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270175
g. Create a map	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270178
h. Work on a website or blog that you maintain	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270179
i. Create a multimedia presentation *on your own*	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270180
j. Work collaboratively *with a team of students* to create a multimedia presentation	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270176

VH270182

12. **This school year**, how often have you used a **tablet** to do each of the following? Select **one** answer choice on each row.

	Never	**A few times**	**Once every few weeks**	**About once a week**	**More than once a week**	
a. Write a short paper (less than a page) for school	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270183
b. Write a paper for school that was longer than a page	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270188
c. Search the Internet for a school project	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270184
d. Practice things in **mathematics** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270185
e. Practice things in **reading** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270186
f. Take a test	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270192
g. Create a map	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270189
h. Work on a website or blog that you maintain	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270190
i. Create a multimedia presentation *on your own*	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270191
j. Work collaboratively *with a team of students* to create a multimedia presentation	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270187

VH270130

13. Which best describes the way you type on a computer keyboard?

   Ⓐ I don't know how to type using a computer keyboard.

   Ⓑ I can type with one or two fingers, but I have to search for where the letter keys are.

   Ⓒ I can type with one or two fingers, and I know where most of the letter keys are.

   Ⓓ I can type with all ten fingers when I look at the keyboard.

   Ⓔ I can type with all ten fingers without looking at the keyboard.

VH270132

14. Would you rather take a test at school using paper and pencil or using a computer?

    Ⓐ Paper and pencil

    Ⓑ Computer

VH270215

15. Do you think you would be able to do each of the following? Select **one** answer choice on each row.

	I definitely can't.	I probably can't.	I probably can.	I definitely can.	
a. Write sentences and paragraphs using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270229
b. Edit text using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270218
c. Use a touchscreen on a computer, tablet, or smartphone	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270230
d. Look up the meaning of a word using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270225
e. Draw a picture using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270226
f. View or download digital media	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270216
g. Create a presentation using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270228
h. Create a spreadsheet using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270231
i. Install new software or apps	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270219
j. Participate in online discussions, forums, social networking sites, or virtual communities	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270220
k. Maintain a website or blog	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270221
l. Search for information on the Internet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270222
m. Run simulations using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270223
n. Create a graph or chart using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270224
o. Write a computer program or app	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270227
p. Troubleshoot a problem with a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270232
q. Figure out how to use new functions of a digital device that I am not yet familiar with	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270217

16. On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices are <u>you</u>?**

   Ⓐ 0

   Ⓑ 1

   Ⓒ 2

   Ⓓ 3

   Ⓔ 4

   Ⓕ 5

   Ⓖ 6

   Ⓗ 7

   Ⓘ 8

   Ⓙ 9

   Ⓚ 10

17. Please read the descriptions of the following four eighth-grade students. After you read each description, you will be asked to answer a question about each student based on the information provided.

Linda often uses apps to talk to her friends or to play games. She does some of her homework on her laptop and knows how to write and create tables using a computer. Linda cannot type with 10 fingers but is pretty fast with two fingers and mostly finds the right keys.

On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices do you think <u>Linda</u> is**?

Ⓐ 0

Ⓑ 1

Ⓒ 2

Ⓓ 3

Ⓔ 4

Ⓕ 5

Ⓖ 6

Ⓗ 7

Ⓘ 8

Ⓙ 9

Ⓚ 10

18. **Tom** often uses apps to talk to his friends or to play games. He does most of his homework on a computer and knows how to write and edit papers on a computer and how to create complex tables or charts. He also created a few presentations using a computer. Tom can type pretty accurately using ten fingers when looking at the computer keyboard.

    On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices do you think <u>Tom</u> is**?

    Ⓐ 0

    Ⓑ 1

    Ⓒ 2

    Ⓓ 3

    Ⓔ 4

    Ⓕ 5

    Ⓖ 6

    Ⓗ 7

    Ⓘ 8

    Ⓙ 9

    Ⓚ 10

19. **Susan** often uses apps on a smartphone or tablet and does most of her homework on a laptop. She is good at writing and editing papers on her computer and has experience with creating complex tables and charts. Susan can type fast and accurately with 10 fingers without looking at the computer keyboard. She also knows a couple of programming languages. This school year, she built her first app.

On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices do you think <u>Susan</u> is**?

Ⓐ 0

Ⓑ 1

Ⓒ 2

Ⓓ 3

Ⓔ 4

Ⓕ 5

Ⓖ 6

Ⓗ 7

Ⓘ 8

Ⓙ 9

Ⓚ 10

20. **Kevin** sometimes plays games on his smartphone or a computer, but he usually does not use a computer for his homework. He used a computer a couple of times to write a paper but never used a computer to create tables, charts, or presentations. Kevin can type with one or two fingers but has to search to find the correct keys on the computer keyboard.

    On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices do you think <u>Kevin</u> is**?

    Ⓐ 0

    Ⓑ 1

    Ⓒ 2

    Ⓓ 3

    Ⓔ 4

    Ⓕ 5

    Ⓖ 6

    Ⓗ 7

    Ⓘ 8

    Ⓙ 9

    Ⓚ 10

VH270194

21. How familiar are you with each of the following? Select **one** answer choice on each row.

	Never heard of it	Heard of it once or twice	Heard of it often	Know it well, understand the concept	
a. E-reader	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270195
b. Wi-Fi	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270196
c. Firewall	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270197
d. Hyperlink	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270198
e. Neuro-digital computing	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270199
f. Instant messaging	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270200
g. CPU	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270201
h. Cut and paste	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270203
i. Pyramidal browser	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270204
j. Spreadsheet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270206
k. Limbic wire	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270207
l. Spinalbyte	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270208
m. Cloud computing	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270209
n. Server	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270210
o. Compiler	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270212
p. Callosum board	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270214

CAFS Student Survey Questionnaire
Grade 12

1. **At home**, do you have any of the following? Select **one** answer choice on each row.   VH270138

	Yes	No	
a. A **laptop or desktop computer** that is only for your use	Ⓐ	Ⓑ	VH270141
b. A **laptop or desktop computer** that is shared between you and others	Ⓐ	Ⓑ	VH270142
c. A **tablet** that is only for your use	Ⓐ	Ⓑ	VH270139
d. A **tablet** that is shared between you and others	Ⓐ	Ⓑ	VH270140
e. **Wi-Fi** or some other **Internet connection** you can use	Ⓐ	Ⓑ	VH270143
f. A **smartphone** that is only for your use	Ⓐ	Ⓑ	VH270144

VH270234

2. When did you first use a **laptop or desktop computer**?

   Ⓐ I have never used one.

   Ⓑ Before I was in kindergarten

   Ⓒ When I was in kindergarten

   Ⓓ When I was in first, second, or third grade

   Ⓔ When I was in fourth or fifth grade

   Ⓕ When I was in sixth, seventh, or eighth grade

   Ⓖ When I was in high school

VH270089

3. When did you first use a **tablet**?

   Ⓐ Never until this assessment

   Ⓑ Before I was in kindergarten

   Ⓒ When I was in kindergarten

   Ⓓ When I was in first, second, or third grade

   Ⓔ When I was in fourth or fifth grade

   Ⓕ When I was in sixth, seventh, or eighth grade

   Ⓖ When I was in high school

VH270235

4. When did you first use a **smartphone**?

Ⓐ I have never used one.

Ⓑ Before I was in kindergarten

Ⓒ When I was in kindergarten

Ⓓ When I was in first, second, or third grade

Ⓔ When I was in fourth or fifth grade

Ⓕ When I was in sixth, seventh, or eighth grade

Ⓖ When I was in high school

VH270147

5. On a weekday, about **how many hours** do you use a **laptop or desktop computer** for doing schoolwork, including homework?

Ⓐ None

Ⓑ Less than an hour

Ⓒ 1 to 2 hours

Ⓓ 2 to 3 hours

Ⓔ 3 to 4 hours

Ⓕ More than 4 hours

VH270148

6. On a weekday, about **how many hours** do you use a **tablet** for doing schoolwork, including homework?

Ⓐ None

Ⓑ Less than an hour

Ⓒ 1 to 2 hours

Ⓓ 2 to 3 hours

Ⓔ 3 to 4 hours

Ⓕ More than 4 hours

VH270149

7. Were you taught any of the following **at school**? Select **one** answer choice on each row.

	Yes	No	
a. How to type on a computer keyboard using the correct fingers	Ⓐ	Ⓑ	VH270150
b. How to write sentences and paragraphs using a computer	Ⓐ	Ⓑ	VH270151
c. How to edit text using a computer	Ⓐ	Ⓑ	VH270164
d. How to search for information on the Internet	Ⓐ	Ⓑ	VH270152
e. How to use a tablet	Ⓐ	Ⓑ	VH270156
f. How to look up the meaning of a word using a computer	Ⓐ	Ⓑ	VH270157
g. How to create a spreadsheet using a computer	Ⓐ	Ⓑ	VH270154
h. How to create a presentation using a computer	Ⓐ	Ⓑ	VH270155
i. How to run simulations using a computer	Ⓐ	Ⓑ	VH270159
j. How to write a computer program or app	Ⓐ	Ⓑ	VH270160
k. How to create a graph or chart using a computer	Ⓐ	Ⓑ	VH270161
l. How to troubleshoot problems with a computer	Ⓐ	Ⓑ	VH270158

VH270165

8. Which of the following are true about the ways in which you and your teachers use computers **at school**? Select **one** answer choice on each row.

	Yes	No	
a. In most of my classes there are **laptop or desktop computers** that I can use for schoolwork.	Ⓐ	Ⓑ	VH270166
b. In most of my classes there are **tablets** that I can use for schoolwork.	Ⓐ	Ⓑ	VH270167
c. There is **Wi-Fi** or some other **Internet connection** that I can use for schoolwork.	Ⓐ	Ⓑ	VH270170
d. Most of my teachers use computers when teaching my classes.	Ⓐ	Ⓑ	VH270169
e. Most of my teachers require us to use computers in the classroom.	Ⓐ	Ⓑ	VH270168

VH270116

9. Has your school assigned you a **laptop or desktop computer** that only you can use?

Ⓐ No

Ⓑ Yes, but I cannot take it home with me.

Ⓒ Yes, and I can take it home with me (laptop only).

VH270117

10. Has your school assigned you a **tablet** that only you can use?

Ⓐ No

Ⓑ Yes, but I cannot take it home with me.

Ⓒ Yes, and I can take it home with me.

VH270171

11. This school year, how often have you used a **laptop or desktop computer** to do each of the following? Select **one** answer choice on each row.

	Never	A few times	Once every few weeks	About once a week	More than once a week	
a. Write a short paper (less than a page) for school	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270172
b. Write a paper for school that was longer than a page	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270173
c. Search the Internet for a school project	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270174
d. Practice things in **mathematics** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270181
e. Practice things in **reading** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270177
f. Take a test	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270175
g. Create a map	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270178
h. Work on a website or blog that you maintain	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270179
i. Create a multimedia presentation *on your own*	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270180
j. Work collaboratively *with a team of students* to create a multimedia presentation	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270176

VH270182

12. This school year, how often have you used a **tablet** to do each of the following? Select **one** answer choice on each row.

	Never	A few times	Once every few weeks	About once a week	More than once a week	
a. Write a short paper (less than a page) for school	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270183
b. Write a paper for school that was longer than a page	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270188
c. Search the Internet for a school project	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270184
d. Practice things in **mathematics** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270185
e. Practice things in **reading** that you were having trouble learning	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270186
f. Take a test	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270192
g. Create a map	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270189
h. Work on a website or blog that you maintain	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270190
i. Create a multimedia presentation *on your own*	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270191
j. Work collaboratively *with a team of students* to create a multimedia presentation	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH270187

VH270130

13. Which best describes the way you type on a computer keyboard?

 Ⓐ I don't know how to type using a computer keyboard.

 Ⓑ I can type with one or two fingers, but I have to search for where the letter keys are.

 Ⓒ I can type with one or two fingers, and I know where most of the letter keys are.

 Ⓓ I can type with all ten fingers when I look at the keyboard.

 Ⓔ I can type with all ten fingers without looking at the keyboard.

VH270132

14. Would you rather take a test at school using paper and pencil or using a computer?

 Ⓐ Paper and pencil

 Ⓑ Computer

VH270215

15. Do you think you would be able to do each of the following? Select **one** answer choice on each row.

	I definitely can't.	I probably can't.	I probably can.	I definitely can.	
a. Write sentences and paragraphs using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270229
b. Edit text using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270218
c. Use a touchscreen on a computer, tablet, or smartphone	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270230
d. Look up the meaning of a word using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270225
e. Draw a picture using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270226
f. View or download digital media	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270216
g. Create a presentation using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270228
h. Create a spreadsheet using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270231
i. Install new software or apps	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270219
j. Participate in online discussions, forums, social networking sites, or virtual communities	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270220
k. Maintain a website or blog	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270221
l. Search for information on the Internet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270222
m. Run simulations using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270223
n. Create a graph or chart using a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270224
o. Write a computer program or app	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270227
p. Troubleshoot a problem with a computer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270232
q. Figure out how to use new functions of a digital device that I am not yet familiar with	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270217

16. On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices are <u>you</u>?**

    Ⓐ 0

    Ⓑ 1

    Ⓒ 2

    Ⓓ 3

    Ⓔ 4

    Ⓕ 5

    Ⓖ 6

    Ⓗ 7

    Ⓘ 8

    Ⓙ 9

    Ⓚ 10

VH270240

17. Please read the descriptions of the following four twelfth-grade students. After you read each description, you will be asked to answer a question about each student based on the information provided.

Linda often uses apps to talk to her friends or to play games. She does some of her homework on her laptop and knows how to write and create tables using a computer. Linda cannot type with 10 fingers but is pretty fast with two fingers and mostly finds the right keys.

On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices do you think Linda is**?

Ⓐ 0

Ⓑ 1

Ⓒ 2

Ⓓ 3

Ⓔ 4

Ⓕ 5

Ⓖ 6

Ⓗ 7

Ⓘ 8

Ⓙ 9

Ⓚ 10

18. **Tom** often uses apps to talk to his friends or to play games. He does most of his homework on a computer and knows how to write and edit papers on a computer and how to create complex tables or charts. He also created a few presentations using a computer. Tom can type pretty accurately using ten fingers when looking at the computer keyboard.

    On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices do you think Tom is**?

    Ⓐ 0

    Ⓑ 1

    Ⓒ 2

    Ⓓ 3

    Ⓔ 4

    Ⓕ 5

    Ⓖ 6

    Ⓗ 7

    Ⓘ 8

    Ⓙ 9

    Ⓚ 10

19. Susan often uses apps on a smartphone or tablet and does most of her homework on a laptop. She is good at writing and editing papers on her computer and has experience with creating complex tables and charts. Susan can type fast and accurately with 10 fingers without looking at the computer keyboard. She also knows a couple of programming languages. This school year, she built her first app.

On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices do you think <u>Susan</u> is**?

Ⓐ 0

Ⓑ 1

Ⓒ 2

Ⓓ 3

Ⓔ 4

Ⓕ 5

Ⓖ 6

Ⓗ 7

Ⓘ 8

Ⓙ 9

Ⓚ 10

20. **Kevin** sometimes plays games on his smartphone or a computer, but he usually does not use a computer for his homework. He used a computer a couple of times to write a paper but never used a computer to create tables, charts, or presentations. Kevin can type with one or two fingers but has to search to find the correct keys on the computer keyboard.

On a scale from 0 to 10, where 0 is not at all familiar and 10 is very familiar, **how familiar with using computers and other digital devices do you think Kevin is?**

Ⓐ 0

Ⓑ 1

Ⓒ 2

Ⓓ 3

Ⓔ 4

Ⓕ 5

Ⓖ 6

Ⓗ 7

Ⓘ 8

Ⓙ 9

Ⓚ 10

VH270194

21. How familiar are you with each of the following? Select **one** answer choice on each row.

	Never heard of it	Heard of it once or twice	Heard of it often	Know it well, understand the concept	
a. E-reader	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270195
b. Wi-Fi	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270196
c. Firewall	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270197
d. Hyperlink	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270198
e. Neuro-digital computing	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270199
f. Instant messaging	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270200
g. CPU	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270201
h. Cut and paste	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270203
i. Pyramidal browser	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270204
j. Spreadsheet	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270206
k. Limbic wire	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270207
l. Spinalbyte	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270208
m. Cloud computing	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270209
n. Server	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270210
o. Compiler	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270212
p. Callosum board	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH270214

IV. NAEP 2019 Survey Questionnaires

Each year, students, teachers, and school administrators who participate in the NAEP assessments voluntarily complete survey questionnaires. Student survey questionnaires collect valuable information about students' educational experiences, opportunities to learn both in and out of the classroom, and other factors related to student learning. While students are encouraged to answer as many questions as they feel comfortable with, they can skip any part of the questionnaire by leaving a response blank.

All data collected from the survey questionnaires will be used for statistical purposes only.* This data can help educators, policymakers, and researchers to better understand the context in which students learn, and, in turn, can help improve education in our nation's classrooms.

> **To view the NAEP 2019 student survey questionnaires as well as survey questionnaires from previous assessment years, visit https://nces.ed.gov/ nationsreportcard/experience/survey_questionnaires.aspx. You'll also find student, teacher, and school survey questionnaires for other NAEP subjects, FAQs, and general information about NAEP survey questionnaires.**

Parents can view and download the *NAEP Survey Questionnaires: Facts for Parents* PDF at https://nces.ed.gov/nationsreportcard/subject/parents/pdf/naep_sq_parent_fact_sheet_2018.pdf.

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* All of the information provided by participants 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). By law, every NCES employee as well as every NCES agent, such as contractors and NAEP coordinators, has taken an oath and is subject to a jail term of up to 5 years, a fine of $250,000, or both if he or she willfully discloses ANY identifiable information about you. Electronic submission of your information will be monitored for viruses, malware, and other threats by Federal employees and contractors in accordance with the Cybersecurity Enhancement Act of 2015. The collected information will be combined across respondents to produce statistical reports.

V. The NAEP Assessments

NAEP Overview

NAEP serves a different role than state assessments. While states have their own unique assessments with different content standards, the same NAEP assessment is administered in every state, providing a common measure of student achievement.

Each student answers questions in only one subject and one format—either a digitally based or a paper-based assessment. Each NAEP assessment takes approximately 90 to 125 minutes for a student to complete (including transition time, instructions, and completion of survey questions).

NAEP assessment results are reported for the nation in various subjects, and for states and selected large urban districts in certain subjects, but not for individual schools or students. NAEP results are widely discussed in the press and are used by educators, researchers, policymakers, and elected officials to make decisions about education policy and funding. All data collected from the assessment results will be used for statistical purposes only.*

NAEP Frameworks

Each NAEP assessment is built around an organizing framework, which is the blueprint that guides the development of the assessment. The National Assessment Governing Board oversees the development of the NAEP frameworks, which describe the specific knowledge and skills to be assessed in each subject. Frameworks incorporate ideas and input from subject area experts, school administrators, policymakers, teachers, parents, and others. Learn more about NAEP frameworks at https://www.nagb.gov/naep-frameworks/frameworks-overview.html.

NAEP Digitally Based Assessments

Many of our nation's schools are equipped with computers, and an increasing number of schools are making digital tools an integral component of the learning environment, reflecting that the knowledge and skills needed for future educational and workplace success involve the use of new technologies. The NAEP program is evolving to address the changing educational landscape through its transition to digitally based assessments. These assessments allow for the collection of new types of data that provide in-depth

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* All of the information provided by participants 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). By law, every NCES employee as well as every NCES agent, such as contractors and NAEP coordinators, has taken an oath and is subject to a jail term of up to 5 years, a fine of $250,000, or both if he or she willfully discloses ANY identifiable information about you. Electronic submission of your information will be monitored for viruses, malware, and other threats by Federal employees and contractors in accordance with the Cybersecurity Enhancement Act of 2015. The collected information will be combined across respondents to produce statistical reports.

understanding of what students know and can do in various subjects. Some questions may include multimedia, such as audio and video. Other questions may allow the use of embedded technological features (such as a scratchwork tool) to form a response, or may engage students in solving problems within realistic scenarios.

The NAEP digitally based assessments incorporate cutting-edge learning technologies. At the beginning of each assessment, students take a brief interactive tutorial designed to teach them about the system and the tools they use to take the assessment. Some parts of the tutorials are the same across subjects, while other parts are specific to each subject. For example, because mathematics uses different tools at each grade, there are different tutorials for each grade in mathematics.

To learn more about NAEP digitally based assessments and view a NAEP tutorial, visit https://nces.ed.gov/nationsreportcard/dba/.

VI. NAEP Questions Tool

Introduction

After every assessment cycle, the National Center for Education Statistics (NCES) releases dozens of assessment questions to the public. Teachers, researchers, and the public can access these released questions using the NAEP Questions Tool (NQT). The NQT allows users to search for questions by subject, grade, difficulty, and other characteristics. You can also view scoring guides, keys, national performance data, demographic group data, and student responses (for constructed-response questions only). The tool also allows users to create customized reports and to print selected questions and all associated information.

How do I access the NAEP Questions Tool?

The NQT is available at https://nces.ed.gov/nationsreportcard/nqt.

What can I do with the NAEP Questions Tool?

The NQT provides easy-to-follow instructions so teachers, parents, and students can

- sort and select NAEP questions;
- "test yourself" on any NAEP subject with a customizable assessment function;
- create online, self-scoring assessments that students can login to take anytime; and
- compare results to how students performed across the nation.

If you need help navigating the NQT, there is a Help button on every page.

Where can I find more information about the subjects NAEP assesses?

The NAEP website contains a wealth of information about the subjects NAEP assesses and can be accessed at https://nces.ed.gov/nationsreportcard.

How can I get additional help?

For more help with features on the NAEP website, click "Help" on the top right toolbar.

For additional assistance, write to us via the Contact NAEP page at https://nces.ed.gov/nationsreportcard/contactus.aspx.

VII. About NAEP

OVERVIEW. NAEP is the largest nationally representative and continuing assessment of what our nation's students know and can do in various academic subjects. NAEP is administered by the National Center for Education Statistics (NCES), located within the U.S. Department of Education's Institute of Education Sciences. For more information about the NAEP program, visit the NAEP website at https://nces.ed.gov/nationsreportcard.

PARTICIPATION. States and districts that receive Title I funds are required to participate in NAEP reading and mathematics assessments at grades 4 and 8 every other year. Student participation is always voluntary. Your school's NAEP coordinator can provide you with more information. Contact your school for details.

CONTENT. The National Assessment Governing Board, an independent body of educators, community leaders, and assessment experts, sets policy for NAEP and oversees the creation of the NAEP frameworks, which describe the specific knowledge and skills that should be assessed. For additional information on framework development, visit the Governing Board's website at https://www.nagb.gov/naep-frameworks/frameworks-overview.html.

SAMPLE QUESTIONS. For each assessment, some of the test questions, along with performance data, are made available to the public to provide concrete samples of NAEP content and results. For every assessment, NAEP provides sample questions booklets for participating schools as well as information about the assessment design and questions. Released questions and student performance data may be viewed and downloaded from the NCES website at https://nces.ed.gov/nationsreportcard/nqt.

SECURE QUESTIONS. On written request, parents and educators may review NAEP questions and instruments still in use. These arrangements must be made in advance, and persons reviewing the assessment may not remove the booklets from the room, copy them, or take notes. Contact your school's NAEP coordinator for more information.

PUBLICATIONS. NAEP reports and brochures can be searched and downloaded from the NAEP website at https://nces.ed.gov/nationsreportcard.

FOR FURTHER INFORMATION. For prompt field staff support on these or other matters, call the NAEP help desk at 800–283–6237.