



NAEP ▪ The National Assessment of Educational Progress

The Nation's Report Card

Parents' Guide to NAEP

The *Parents' Guide to NAEP* provides parents and guardians with a convenient overview of the National Assessment of Educational Progress (NAEP). This guide answers the following questions:

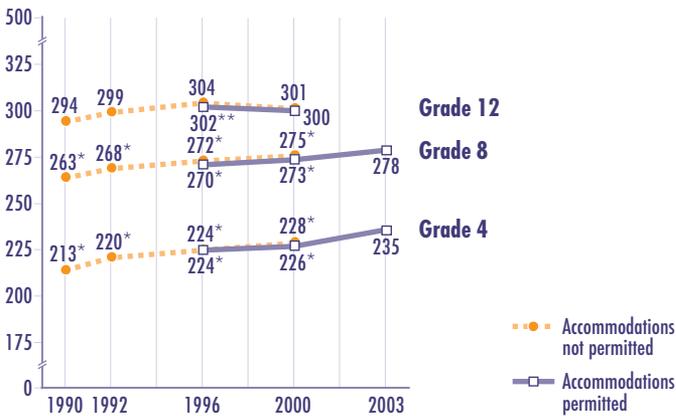
Contents

What is NAEP?	1
Why is NAEP important?	2
How are children selected to participate?	3
What does participation involve?	4
Is NAEP confidential? Is it voluntary?	5
What types of questions are on NAEP?	6
Can I see the assessment?	8
Can I see NAEP results?	9
What subjects does NAEP assess?	10
How can I find out more about NAEP?	12

What is NAEP?

The National Assessment of Educational Progress (NAEP)—widely known as the “Nation’s Report Card”—is the leading national assessment of what America’s students know and can do in reading, mathematics, and many other academic subjects. NAEP, a program of the U.S. Department of Education, provides information on state and national student achievement, and how that achievement has changed over time.

Average mathematics scale scores, grades 4, 8, and 12: 1990–2003



*Significantly different from 2003.

**Significantly different from the sample where accommodations were not permitted.

NOTE: In addition to allowing for accommodations, the accommodations-permitted results (1996–2003) differ slightly from previous years’ results and from previously reported results for 1996 and 2000, due to changes in sample weighting procedures. Significance tests were performed using unrounded numbers. NAEP sample sizes have increased in 2003 compared to previous years, resulting in smaller detectable differences than in previous assessments. There was no grade 12 assessment in 2003.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1990, 1992, 1996, 2000, and 2003 Mathematics Assessments.

Beginning in 2003, the *No Child Left Behind Act*, passed by Congress in 2001, requires NAEP assessments to be administered in reading and mathematics at grades 4 and 8 every 2 years. States and school districts that receive federal funding to aid educationally disadvantaged students in high-poverty areas must participate in these assessments.



Why is NAEP important?

Established by Congress in 1969, NAEP was created to provide a common national yardstick for accurately evaluating the performance of American students.

NAEP is

- a national assessment that allows educational achievement to be compared across states;
- an assessment that identifies the percentages of students in the nation who meet standards for *Advanced, Proficient, or Basic* performance in a variety of subjects;
- a yardstick that state educators, legislators, and governors can use to gauge the effectiveness of state educational policies;
- a measurement tool that members of Congress and the President can use to review student progress during the past 30 years; and
- a source of information that allows parents to assess the academic performance of students in their state and the nation as a whole.

By participating in NAEP, students are doing their part to help improve education in their country, their state, and their own schools.



How are children selected to participate?

In its assessments, NAEP selects representative samples of students for the nation and for each participating state. Children chosen to participate have the opportunity to represent hundreds of students in their state and the nation.

States that receive federal aid for educationally disadvantaged students must participate in reading and mathematics assessments for the fourth and eighth grades. State participation is voluntary in all other assessments.

When a state participates in an assessment, NAEP selects about 3,000 students for each grade and subject, or about 100 schools per state and about 30 students per school. About 10 percent of the nation's fourth- and eighth-graders participated in NAEP assessments in 2003.

Students with disabilities (SD) and English language learners (ELL) are included in NAEP samples. When necessary, NAEP provides special testing accommodations (e.g., extended testing time) to these students if they need them to participate.



What does participation involve?

Participating in NAEP is easy. Students spend only about 90 minutes of their time taking the assessment. Schools do not require students to spend time preparing for NAEP because NAEP does not release scores for individual students or schools.

Students are also asked to complete a short background questionnaire. Congress requires this information to allow analysis of student performance by such categories as gender and racial/ethnic group. All student background responses are kept strictly confidential.

NAEP assessments are conducted by NAEP staff and take place either in school classrooms or other places selected by school officials. School officials are invited to observe the assessments.



Is NAEP confidential? Is it voluntary?

5

NAEP is confidential

No information on individual students, families, or schools is included in NAEP data releases or reports. No records are kept that connect students' names with the answers they gave on the assessment.

In accordance with federal law, all personally identifiable information regarding NAEP participants is confidential. Any individual who violates the confidentiality of NAEP data may be charged with a felony, fined, and/or imprisoned. No such violation of NAEP confidentiality restrictions has ever occurred.

Student participation is voluntary

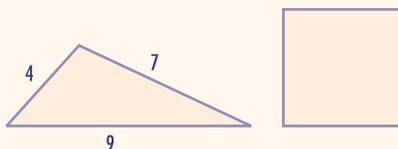
The participation of individual students in NAEP is entirely voluntary. Students may be excused for any reason. Students participating in NAEP do not have to finish the assessment or answer any particular question. However, participation is very important. The participation of all selected students enables NAEP to provide the most accurate and representative picture of student performance.



What types of questions are on NAEP?

NAEP assessments contain multiple-choice questions and open-ended questions. Open-ended questions require students to write an answer that can range from a few words to more than a page.

Sample grade 4 math – open-ended question



If both the square and the triangle above have the same perimeter, what is the length of each side of the square?

Sample grade 8 reading – multiple-choice question

Students read a story about a difficult decision made by Emperor Yuan one day in the year 400 A.D. The story considers the nature of progress and explores the themes of political and personal responsibility.

The Emperor did not rush out to see the flying machine when his servant first told him about it because the Emperor

- (A) was too frail to run
- (B) had just awakened from a dream
- (C) wanted time to think about what it might mean
- (D) was testing the servant's loyalty to him



Sample grade 8 reading – open-ended question

Students read a passage about the Anasazi Indians, who established a civilization over 1,500 years ago on a plateau called Mesa Verde in what is now southwestern Colorado. Then they were asked to comment on the statement “Some people say that the Anasazi’s success as a civilization may have actually caused their own decline.” Twelve percent of students gave answers that were scored as “Extensive” (extra credit). A student whose answer received the “Extensive” rating replied as follows:

I agree because in the article it explains how the tribe kept growing and growing BECAUSE of how SUCCESSFULLY the FARMED the land and lived in PEACE, BECAUSE of this they were able to live longer and more children would survive. The tribe kept growing faster and faster They started to run out of food, because there wasn't enough farmland and there weren't enough animals left to FEED the whole tribe THIS CAUSED them to begin to die of starvation. The tribe would never be the same BECAUSE there was not food.



Can I see the assessment?

Yes. Parents and members of the general public have the right to view all NAEP questions and all NAEP assessment materials.

NAEP demonstration booklets for grades 4, 8, and 12 are available at schools participating in NAEP and online at <http://nces.ed.gov/nationsreportcard/about/booklets.asp>. The demonstration booklets contain sample assessment questions and all relevant background questionnaires.

Thousands of released assessment questions, along with scoring guides, sample student responses, and performance data, can be accessed using the online NAEP Questions Tool at <http://nces.ed.gov/nationsreportcard/itmrls>.

All background questionnaires are available on the NAEP website at <http://nces.ed.gov/nationsreportcard/bgquest.asp>.

Parents and adult members of the public can view the NAEP questions being used for the current assessment, provided that test security is maintained. To arrange an appointment to view secure assessment questions, contact your NAEP State Coordinator.

You can find the name and e-mail address of your NAEP State Coordinator in your state's profile, which is available at <http://nces.ed.gov/nationsreportcard/states>, or by calling 202-502-7420.



Can I see NAEP results?

Yes. Parents and members of the general public have access to all NAEP publications and all publicly released data.

Results from NAEP assessments are published in a number of forms, including highlights reports, state reports, and detailed report cards. Most publications (and all recent ones) can be accessed online at the NAEP website or ordered in print free of charge.



However, NAEP keeps no records that would allow the identification of the performance of individual students, because NAEP assessments do not, and are not designed to, assess the performance of individual students or schools. NAEP assessments can only provide accurate information on the performance of large student populations, such as all fourth-graders in a state or the nation as a whole, and subgroups of those populations, such as female or Hispanic students.

The NAEP Data Tool, which is available online at <http://nces.ed.gov/nationsreportcard/naepdata>, provides parents and other members of the public with a way to explore NAEP data. The forthcoming NAEP Data Explorer, which will replace the NAEP Data Tool, will allow users to analyze student-level data and generate sophisticated graphics and tables.



What subjects does NAEP assess?

NAEP assesses student performance in many different academic subjects. NAEP assessments have been given in subjects such as reading, mathematics, science, writing, U.S. history, geography, civics, and the arts.

In accordance with the *No Child Left Behind Act*, NAEP assesses reading and mathematics every 2 years at grades 4 and 8.

The National Assessment Governing Board (NAGB) determines the schedule of other NAEP assessments. The current schedule of NAEP assessments is at the right.

Assessments listed under “National NAEP” provide information on national student performance. Those listed under “State NAEP” measure student performance for individual states. “Long-term Trend NAEP” assessments determine how national student performance has changed over the past three decades.



NAEP schedule of assessments

Year	National NAEP	State NAEP	Long-term Trend NAEP
2003	Reading (grades 4 and 8) Mathematics (grades 4 and 8)	Reading (grades 4 and 8) Mathematics (grades 4 and 8)	
2004	Foreign language (grade 12) [postponed]		Reading (ages 9, 13, and 17) Mathematics (ages 9, 13, and 17)
2005	Reading (grades 4, 8, and 12) Mathematics (grades 4, 8, and 12) Science (grades 4, 8, and 12)	Reading (grades 4 and 8) Mathematics (grades 4 and 8) Science (grades 4 and 8)	
2006	Economics (grade 12) U.S. history (grades 4, 8, and 12) Civics (grades 4, 8, and 12)		
2007	Reading (grades 4 and 8) Mathematics (grades 4 and 8) Writing (grades 8 and 12)	Reading (grades 4 and 8) Mathematics (grades 4 and 8) Writing (grades 4 and 8)	
2008	Arts (grade 8)		Reading (ages 9, 13, and 17) Mathematics (ages 9, 13, and 17)
2009	Reading (grades 4, 8, and 12) Mathematics (grades 4, 8, and 12) Science (grades 4, 8, and 12)	Reading (grades 4 and 8) Mathematics (grades 4 and 8) Science (grades 4 and 8)	
2010	World history (grades 4, 8, and 12) Geography (grades 4, 8, and 12)		
2011	Reading (grades 4 and 8) Mathematics (grades 4 and 8) Writing (grades 4, 8, and 12)	Reading (grades 4 and 8) Mathematics (grades 4 and 8) Writing (grades 4 and 8)	
2012	Civics (grades 4, 8, and 12) Foreign language (grade 12)		Reading (ages 9, 13, and 17) Mathematics (ages 9, 13, and 17)

Note: The NAEP schedule is subject to change. Consult the NAGB website at <http://www.nagb.org> for the latest schedule.

How can I find out more about NAEP?

More information about NAEP is available at participating schools and online in the form of the NAEP demonstration booklets. The demonstration booklets contain sample assessment questions and all relevant background questionnaires for all three grades assessed.

Further information for parents is available on the NAEP website at <http://nces.ed.gov/nationsreportcard/parents>.

General questions about NAEP can be submitted through the “Contact NAEP” portion of the NAEP website at <http://nces.ed.gov/nationsreportcard/contactus.asp>. Answers will be sent by e-mail within a few days.

If you have any NAEP-related questions, concerns, or requests, you may contact your NAEP State Coordinator. Your NAEP State Coordinator serves as the connection between your state education agency and NAEP.

You can find the name and e-mail address of your NAEP State Coordinator in your state’s profile, which is available at <http://nces.ed.gov/nationsreportcard/states>, or by calling 202-502-7420.



You may also learn more about NAEP by contacting the National Center for Education Statistics (NCES) at

National Center for Education Statistics
Assessment Division – 8th Floor
1990 K Street NW
Washington, DC 20006-5653
Phone: 202-502-7420
Fax: 202-502-7440

To make a request of the National Assessment Governing Board (NAGB), contact NAGB at

National Assessment Governing Board
800 North Capitol Street NW, Suite 825
Washington, DC 20002-4233
Phone: 202-357-6938
Fax: 202-357-6945
E-mail: NAGB@ed.gov

To order NAEP Report Cards or other publications, contact ED Pubs at

ED Pubs
P.O. Box 1398
Jessup, MD 20794-1398
Phone: 877-4ED-Pubs
TTY/TDD: 877-576-7734
Fax: 301-470-1244



The National Assessment of Educational Progress is administered by the National Center for Education Statistics (<http://nces.ed.gov>), which collects and analyzes data related to education in the United States and other nations.



NATIONAL CENTER FOR EDUCATION STATISTICS

U.S. Department of Education, Institute of Education Sciences
NCES 2003-480 Revised