



2013

GRADE 8 TECHNOLOGY AND ENGINEERING LITERACY ASSESSMENT

NAEP In Your School

WHAT IS NAEP?

The National Assessment of Educational Progress (NAEP) is an essential measurement of student achievement in the United States.

- ▶ First administered in 1969, NAEP is the largest continuing and nationally representative assessment of what our nation's students know and can do in core subjects such as mathematics, reading, science, and writing.
- ▶ The schools and students participating in NAEP represent other schools and students across the country.
- ▶ NAEP is considered the gold standard of assessments because of its high technical quality. From developing frameworks and questions to the reporting of results, NAEP represents the best thinking of assessment and content specialists, state education staff, and teachers from around the nation.
- ▶ NAEP monitors academic progress over time and reports on student achievement nationally.

NAEP will be administered to a sample of eighth-grade students in your school between January 28 and March 8, 2013. For the first time, eighth-grade students will participate in a computer-based technology and engineering literacy (TEL) pilot assessment. The results from this pilot will be used to inform the first-ever national TEL assessment of eighth-graders in 2014. This fact sheet will help you prepare your school and students for participation.

What is involved?

The TEL pilot will measure students' capacity to use, understand, and evaluate technology, as well as to understand technological principles and strategies. Students will spend about 120 minutes completing the assessment, which includes problem-solving tasks based on interactive scenarios reflecting realistic situations, and multiple-choice and short-answer questions. Students will also be asked to complete a questionnaire that aims to get a better understanding of their opportunities to learn about technology and engineering both inside and outside the classroom.

Principals will also be asked to complete a questionnaire. This questionnaire is being piloted to prepare for the collection of contextual information for future assessments. Additional information will be collected about how selected students with disabilities and English language learners (SD/ELL) might participate in the assessment.

NAEP staff members will bring all necessary materials, including laptop computers and earbuds, to the school on assessment day. Schools will only need to provide rooms, desks or tables, and electrical outlets; schools do not have to provide Internet access.

How many students are assessed?

Nationally, approximately 15,000 students will be assessed in the grade 8 TEL pilot. Thirty students at each school will be selected to participate. The pilot assessment will be administered in two sequential sessions of 15 students each.



For more information about NAEP, visit:
<http://nces.ed.gov/nationsreportcard>

Find us on:



Who is responsible for coordinating and administering NAEP?

Your NAEP State Coordinator, NAEP representatives, and school staff will work together to coordinate and administer the assessment.

A staff person in your school will need to be assigned to serve as the school coordinator, who will be the primary contact in the school for the assessment.

The NAEP State Coordinator works at your state Department of Education and will be responsible for:

- ▶ Working with schools to confirm the assessment date;
- ▶ Communicating with principals to convey the facts about NAEP and the importance of student participation;
- ▶ Providing schools with instructions for preparing a list of eligible students (if required) and information about notifying parents of participating students;
- ▶ Providing guidance for the inclusion of SD/ELL students; and
- ▶ Responding to questions from the school community throughout the assessment period.

NAEP representatives are employed by a U.S. Department of Education contractor to work directly with schools and will be responsible for:

- ▶ Selecting a random sample of students from the school list of eligible students;
- ▶ Sending preassessment materials to the school coordinator;
- ▶ Visiting the school coordinator shortly after the preassessment materials are received to finalize assessment arrangements;
- ▶ Bringing all assessment materials, including laptop computers, to the school on the scheduled day; and
- ▶ Conducting the assessment.

Each principal will be responsible for:

- ▶ Assigning a staff member to serve as school coordinator;
- ▶ Including the NAEP assessment date on the school calendar;
- ▶ Empowering the designated school coordinator to work with the NAEP representative and the NAEP State Coordinator to prepare for the assessment; and
- ▶ Informing school staff and students about NAEP and why student participation is critically important.

The school coordinator will be responsible for:

- ▶ Confirming with the NAEP State Coordinator that the suggested assessment date is convenient for the school;
- ▶ Providing NAEP with an electronic file of students in the selected grade, if requested;
- ▶ Registering for and using the MySchool website;
- ▶ Informing parents of the assessment (the NAEP State Coordinator will provide additional information about how this should be accomplished);
- ▶ Receiving the preassessment materials and making final preparations for the assessment;
- ▶ Meeting with the NAEP representative during the scheduled preassessment visit; and
- ▶ Ensuring that there is a plan with school staff to achieve high student participation in the assessment.

Detailed information about the school coordinator's responsibilities will be sent at the beginning of the school year.