## NAEP 2018 In Your School



Technology and Engineering Literacy



National Assessment of Educational Progress

#### 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 various subjects such as mathematics, reading, science, and writing, as well as civics, geography, U.S. history, and technology and engineering literacy.
- The schools and students participating in NAEP represent 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.
  The results are released as The Nation's Report Card.

NAEP will be administered on laptops to a sample of eighth-grade students in your school between January 29 and March 9, 2018. Students will be assessed in technology and engineering literacy. This assessment measures students' capacity to use, understand, and evaluate technology, as well as understand technological principles and strategies.

National results will be reported for grade 8. The results of NAEP are used by teachers, principals, parents, policymakers, and researchers to assess students' progress in various subject areas and develop ways to improve education in the United States.

#### What is involved?

Students will spend approximately 120 minutes completing the assessment, including transition time, directions, and completion of a survey questionnaire. The questionnaire aims to get a better understanding of students' educational experiences and opportunities to learn both inside and outside of the classroom.

The school principal will also complete a questionnaire. These questionnaires are designed to help provide contextual information for the assessment results, as well as information about factors that may be related to students' learning. Additional information will be collected about how students with disabilities and English language learners will participate in the assessment and the accommodations they will receive.

#### How many students will be assessed?

Nationally, approximately 16,000 eighth-grade students will be assessed in technology and engineering literacy.

## It's important to know...

#### Who will be 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 member of your school's staff will need to be assigned to serve as the school coordinator and be the primary contact for the assessment. This person should be:

- familiar with how students participate in statewide assessments; and
- comfortable using a computer to collect and enter student information online.

#### 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 about the importance of NAEP and student participation;
- providing schools with instructions for preparing a list of eighth-grade students and information about notifying parents of participating students;
- > providing guidance for including students with disabilities and English language learners; and
- responding to questions from the school community throughout the assessment period.

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

- ▶ selecting a random sample of students from the school list of eighth-graders;
- verifying information that the school coordinator has provided via the MyNAEP website, which will serve as the primary resource and action center throughout the NAEP assessment process;
- ▶ working with the school coordinator to finalize assessment logistics;
- ▶ bringing all assessment materials to the school on the scheduled day; and
- conducting the assessment.

#### Each principal will be responsible for:

- ▶ assigning a school 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 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 the scheduled assessment date with the NAEP State Coordinator;
- ▶ registering for the MyNAEP website and providing information about the school;
- ▶ overseeing the submission of an electronic list of eighth-grade students;
- ▶ using the MyNAEP website to prepare for the assessment;
- ▶ informing parents of the assessment (more information will be provided on how to complete this task);
- communicating with the NAEP representative to finalize assessment preparations;
- organizing the availability of school space for the assessment, including room(s), desks or tables, and an adequate number of electrical outlets in the assessment location (the school will not need to provide internet access); and
- collaborating with school staff to ensure a high rate of student participation.

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

The information each student provides will be used for statistical purposes only. In accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws, student responses will be kept confidential and will not be disclosed in identifiable form to anyone other than employees or agents. By law, every National Center for Education Statistics (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 students. Electronic submission of student 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.







