

NAEP and TIMSS 2015



August 27, 2014
DAC Annual Meeting



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NAEP and TIMSS 2015 in Florida

NAEP – 678 schools in 44 districts and 1 Research School

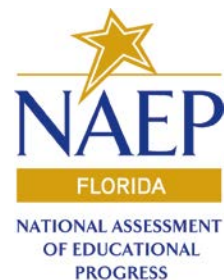
- Grade 4 – 224 Paper-and-Pencil; 63 TBA
- Grade 8 – 196 Paper-and-Pencil; 71 TBA
- Grade 12 – 33 Paper-and-Pencil; 91 TBA

TIMSS – 153 schools in 37 districts

- Grade 4 – 68 TIMSS
- Grade 8 – 68 TIMSS
- Grade 12 – 17 TIMSS Advanced



NAEP 2015



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The NAEP 2015 Program – January 26 to March 6

Two types of assessments

1. Paper and Pencil Assessment

- Subjects: mathematics, reading and science
- Grades: 4, 8 and 12
- Results: Dates given below are tentative
 - October 2015: grades 4 and 8 national and state mathematics and reading results
 - December 2015: grades 4 and 8 TUDA mathematics and reading results
 - March 2016: grades 4 and 8 national and state science results
 - April 2016: grade 12 national mathematics, reading and science results

NAEP 2015

- Each student will take NAEP in only one of the 2 different formats in only one of the 3 subject areas
- NAEP representatives will bring all necessary materials and equipment to schools
- NAEP 2015 will include 3 Florida TUDAs
 - Duval County (new in 2015)
 - Hillsborough County (since 2011)
 - Miami-Dade County (since 2009)

Changes in Pre-Assessment Activities

- List of sampled students will be provided via the MyNAEP website in early December
- On the MyNAEP website, the school NAEP coordinator will have to review the list of sampled students to:
 - Identify withdrawn or ineligible students
 - Update demographic data and SD/ELL classifications
 - Indicate how each student identified as SD and/or ELL should be assessed on NAEP--lowest exclusion rate as possible for Grade 8 Reading
 - Indicate if a student has a Section 504 Plan and will need testing accommodations
 - Identify any student who is not enrolled in current grade, is a foreign exchange student or does not attend classes on campus

Changes in Pre-Assessment Activities, cont.

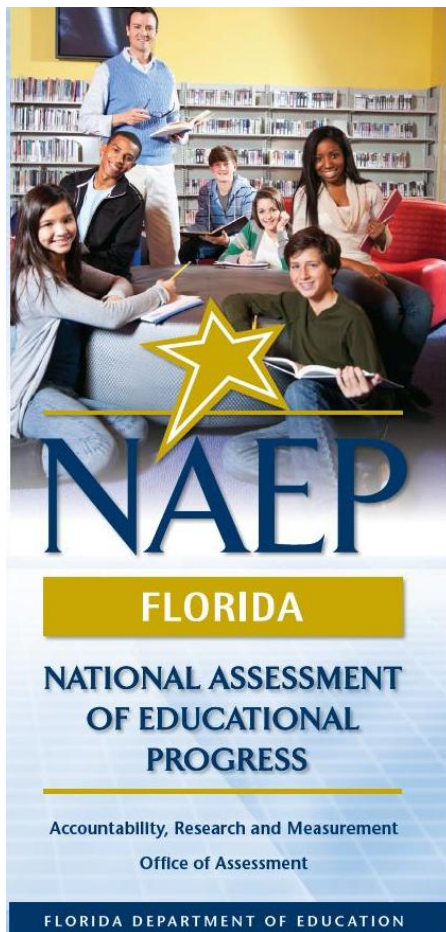
- In-person Pre-assessment Visits (PAV) have been replaced with a Pre-assessment Review Call (PRC)
 - Calls begin in January after return from winter break
 - Purpose: to provide support to the school NAEP coordinator (SNC)
- SNC now required to upload a current roster of students enrolled in the sample grade (by mid-January)
 - Excel template provided on the MyNAEP website
 - SNC will be notified if any new students have been added to the sample

Changes in Pre-Assessment Activities, cont.

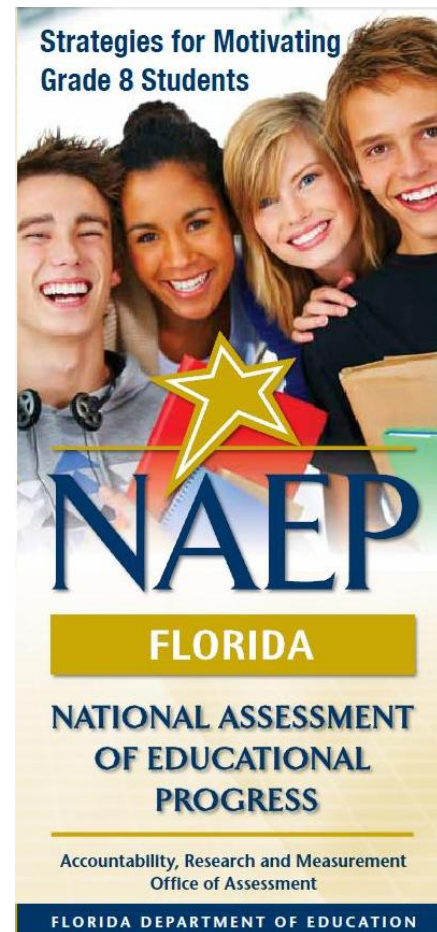
- Copy of Parent/Guardian Notification Letters no longer collected by DACs
 - On the MyNAEP website, SNCs will verify parent/guardian notification at least 2 weeks prior to the assessment
- School and Teacher Questionnaires will be completed online
 - SNC will send questionnaires via email to school principal (or a designee) and to teachers of students in the NAEP sample
 - SNC will track the completion of the questionnaires and be able to send reminder emails, as necessary

Encourage Participation at Grade 8

Student Brochure



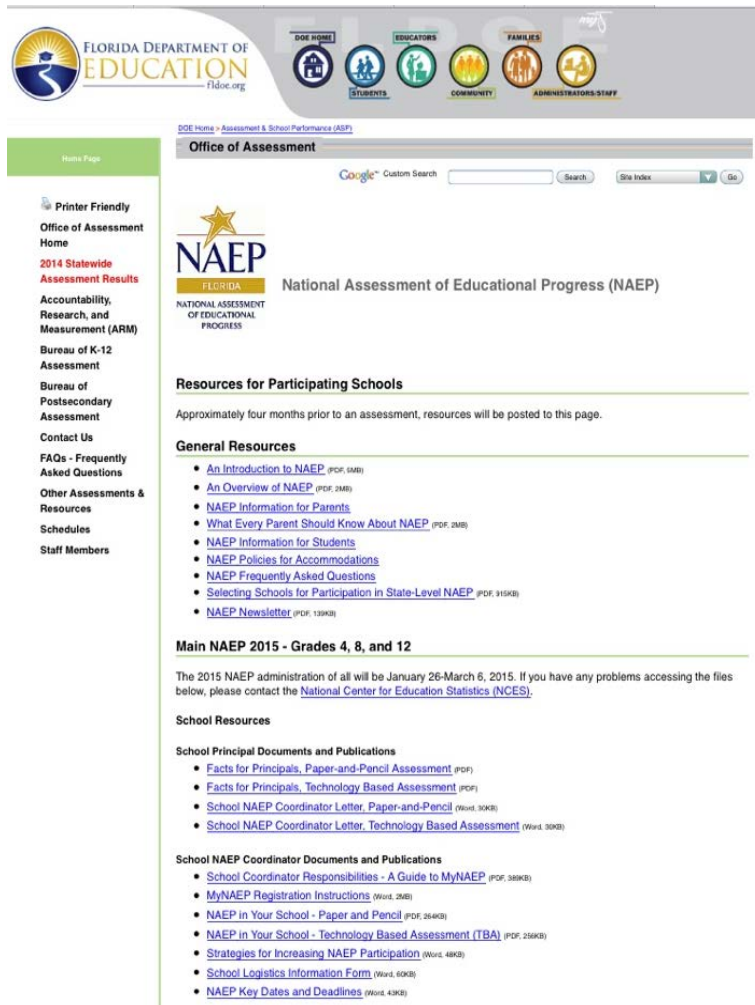
School NAEP Coordinator Brochure



SNC will finalize assessment arrangements

- Provide start times and testing locations
- Provide 2 possible dates for make-up sessions
 - Assessment cancelled due to weather
 - Attendance is less than 90%
- Print and distribute
 - Student Appointment Cards
 - Teacher Notification Letter – date, time, location of sessions
 - List of Sampled Students

NAEP 2015 - <http://fldoe.org/asp/naep/schoolresources.asp>



The screenshot shows the Florida Department of Education's Office of Assessment website for NAEP 2015. The page features a navigation menu on the left with links like 'Printer Friendly', '2014 Statewide Assessment Results', and 'Resources for Participating Schools'. The main content area includes a search bar, the NAEP logo, and several sections: 'Resources for Participating Schools' (with a note about timing), 'General Resources' (listing various informational documents), 'Main NAEP 2015 - Grades 4, 8, and 12' (providing dates and contact info), 'School Resources' (for principals and coordinators), and 'School NAEP Coordinator Documents and Publications' (listing specific guides and forms).

Accommodation and Inclusion Documents

- [Inclusion Fact Sheet](#) (PDF, 389KB)

Parent/Guardian Letters

- Parent/Guardian Notification Letters

Best Practices, Guide for Supporting Twelfth-Grade NAEP Participation

Best practices documents and guide will be available in November.

District Resources

- [NAEP 2015 Facts for Districts](#) (PDF)
- [Principal Notification Letter, Paper-and-Pencil Assessment \(August\)](#) (Word, 32KB)
- [Principal Notification Letter, Technology Based Assessment \(August\)](#) (Word, 30KB)
- [DAC NAEP Key Dates and Deadlines](#) (Word, 8KB)

Contact

The NAEP contact for the state of Florida is Michele Sonnenfeld. She can be contacted by email at Michele.Sonnenfeld@fldoe.org or by telephone at 850-245-0513.

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Free Downloads: [Acrobat Reader](#) | [Excel Viewer 2003](#) | [Word Viewer 97/2000](#) | [PowerPoint Viewer 2003](#)

Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

NAEP Questions Tool

<http://nces.ed.gov/nationsreportcard/itmrls>

- Contains over 1,000 released items from different content areas
- Sorts items by domains, objectives, cognitive ability, and difficulty level
- Includes multiple-choice and both short- and extended-response items
- Reports student performance on a specific test items by states and subgroups



The screenshot shows the website header for the Institute of Education Sciences, U.S. Department of Education, National Center for Education Statistics. It includes a search bar, navigation links like 'Newsflash', 'Staff', 'Contact', 'Site Index', and 'Help', and a menu with categories such as 'Publications & Products', 'Surveys & Programs', 'Data Tools', 'Tables & Figures', 'Fast Facts', 'School, College, & Library Search', 'Annual Reports', and 'What's New?'. Below the header, there are navigation tabs for 'ABOUT NAEP...', 'SUBJECT AREAS...', 'HELP', 'SITE MAP', 'CONTACT US', 'GLOSSARY', and 'NEWSFLASH'. Under 'ABOUT NAEP...', there are sub-tabs for 'SAMPLE QUESTIONS', 'ANALYZE DATA', 'STATE PROFILES', and 'PUBLICATIONS'. The main heading is 'NAEP Questions' with a sub-link 'The Nation's Report Card (home)'. A section titled 'Explore NAEP Questions' contains a text block: 'After each assessment, NAEP releases dozens of sample questions to the public—more than 2,000 questions are currently available. The tools featured here can be used to supplement classroom instruction, provide additional insight into the content of the assessment, and show what students nationally or in your state or district know and can do. Explore the tools and find out more about NAEP.' To the right is a 'What's New?' section with two bullet points: '2006 civics, economics, and U.S. history assessments' and '207 multiple-choice and 67 constructed-response questions from the 2006 civics, economics, and U.S. history assessments now available in the Questions Tool'. Below this are four main tool cards: 'Questions Tool >>' (circled in orange), 'Item Maps >>', 'Test Yourself >>', and 'Scoring >>'. Each card has an image and a brief description of its function.

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TIMSS 2015



Trends in International Mathematics and Science Study (TIMSS)



- Students in grades 4 and 8 assessed in mathematics and science every 4 years, beginning in 1995
- Students in grade 12 participating in TIMSS Advanced assessed in advanced mathematics and physics. Previously administered in 1995 and 2008
- Because Florida is being over-sampled to obtain state-level results for TIMSS 2015, data reflecting changes over time will be available when the grades 4 and 8 results are released in winter 2016

TIMSS

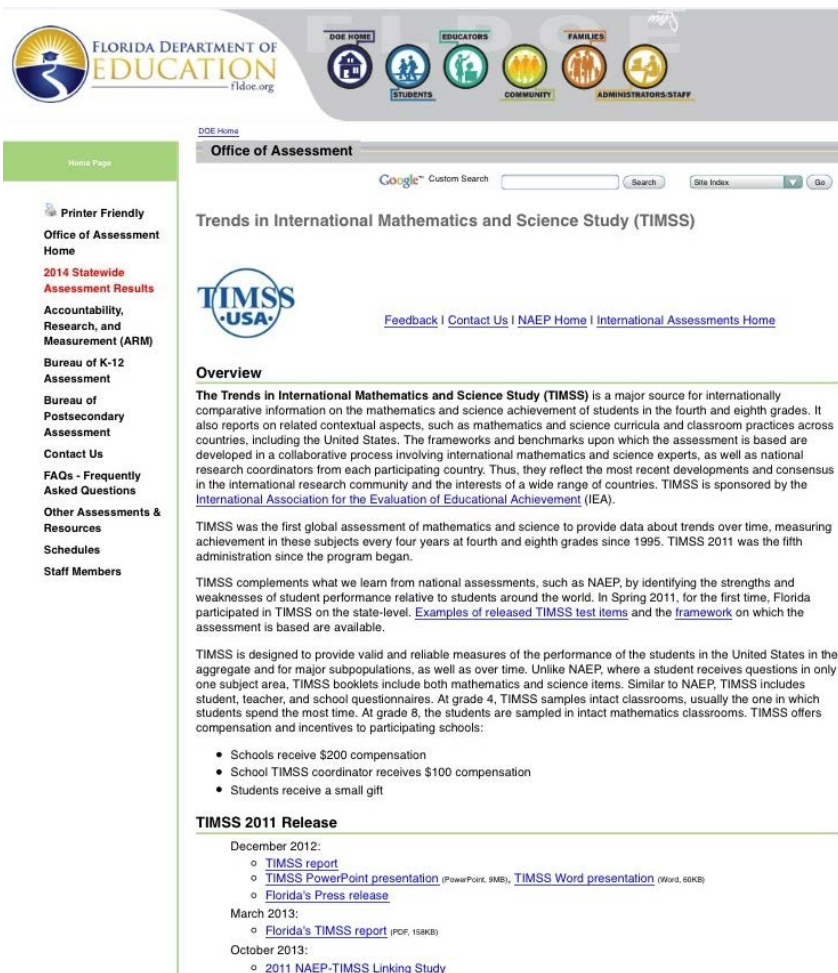
The TIMSS 2015 Program – March 30 to May 29

- Paper and Pencil Assessment
 - Subjects: mathematics and science
 - Grades: 4 and 8
 - Results: international, national, Florida

TIMSS Advanced 2015 Program – March 30 to May 29

- Paper and Pencil Assessment
 - Subjects: advanced mathematics and physics
 - Grade: 12
 - Results: 11 countries, including the U.S.

TIMSS 2015 - <http://fldoe.org/asp/naep/timss.asp>

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Office of Assessment

Trends in International Mathematics and Science Study (TIMSS)

TIMSS USA

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Overview

The **Trends in International Mathematics and Science Study (TIMSS)** is a major source for internationally comparative information on the mathematics and science achievement of students in the fourth and eighth grades. It also reports on related contextual aspects, such as mathematics and science curricula and classroom practices across countries, including the United States. The frameworks and benchmarks upon which the assessment is based are developed in a collaborative process involving international mathematics and science experts, as well as national research coordinators from each participating country. Thus, they reflect the most recent developments and consensus in the international research community and the interests of a wide range of countries. TIMSS is sponsored by the [International Association for the Evaluation of Educational Achievement \(IEA\)](#).

TIMSS was the first global assessment of mathematics and science to provide data about trends over time, measuring achievement in these subjects every four years at fourth and eighth grades since 1995. TIMSS 2011 was the fifth administration since the program began.

TIMSS complements what we learn from national assessments, such as NAEP, by identifying the strengths and weaknesses of student performance relative to students around the world. In Spring 2011, for the first time, Florida participated in TIMSS on the state-level. [Examples of released TIMSS test items](#) and the [framework](#) on which the assessment is based are available.

TIMSS is designed to provide valid and reliable measures of the performance of the students in the United States in the aggregate and for major subpopulations, as well as over time. Unlike NAEP, where a student receives questions in only one subject area, TIMSS booklets include both mathematics and science items. Similar to NAEP, TIMSS includes student, teacher, and school questionnaires. At grade 4, TIMSS samples intact classrooms, usually the one in which students spend the most time. At grade 8, the students are sampled in intact mathematics classrooms. TIMSS offers compensation and incentives to participating schools:

- Schools receive \$200 compensation
- School TIMSS coordinator receives \$100 compensation
- Students receive a small gift

TIMSS 2011 Release

December 2012:

- [TIMSS report](#)
- [TIMSS PowerPoint presentation](#) (PowerPoint, 9MB), [TIMSS Word presentation](#) (Word, 60KB)
- [Florida's Press release](#)

March 2013:

- [Florida's TIMSS report](#) (PDF, 158KB)

October 2013:

- [2011 NAEP-TIMSS Linking Study](#)

TIMSS 2015

School Resources

Principal Resources

- [Benefits of Participating in TIMSS 2015](#) (Word, 360KB)

School Coordinator Resources

- [School TIMSS Coordinator Letter](#) (Word, 34KB)
- [School TIMSS Advanced Coordinator Letter](#) (Word, 33KB)
- [Strategies for Increasing TIMSS Participation](#) (Word, 48KB)
- [TIMSS Key Dates and Deadlines](#) (Word, 44KB)

District Resources

- [DAC TIMSS Key Dates and Deadlines](#) (Word, 58KB)
- [TIMSS 2015 Principal Letter, August](#) (Word, 54KB)
- [TIMSS Advanced Principal Letter, August](#) (Word, 32KB)

TIMSS at Grades 4 and 8

- [Frequently Asked Questions TIMSS 2015](#) (PDF, 198KB)
- [Trends in International Mathematics and Science Study 2015](#) (PDF, 1MB)
- [Summary of Activities for TIMSS 2015](#) (PDF, 1MB)

TIMSS Advanced at Grade 12

- [Frequently Asked Questions TIMSS Advanced 2015](#) (PDF, 198KB)
- [Advanced Trends in International Mathematics and Science Study 2015](#) (PDF, 2MB)
- [Summary of Activities for TIMSS Advanced 2015](#) (PDF, 1MB)

Contact

The contact for TIMSS in the state of Florida is Michele Sonnenfeld. She can be contacted by e-mail at Michele.Sonnenfeld@fldoe.org or by telephone at [850-245-0513](tel:850-245-0513).

[Official TIMSS home page](#)

[International Assessments Home](#)

Questions Tools

PIRLS, PISA and TIMSS have released items from mathematics, reading, and science:

<http://nces.ed.gov/surveys/international/>

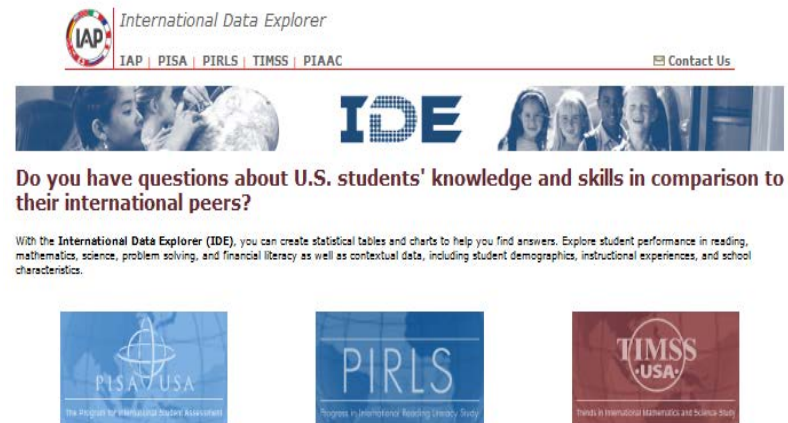


The screenshot shows the IAP website with a navigation bar including 'IAP Publications & Products', 'Staff', 'TIMSS', 'PISA', 'PIRLS', 'PIAAC', 'TALIS', 'CivEd', and 'Contact Us'. The main content area features a large image of a globe with the 'IDE' logo. Below this, there are several links to reports and studies, each with a 'See 2012 Results' or 'See 2013 Results' button. At the bottom, there are four columns of links: 'Read summaries from the International Data Explorer', 'Make your own tables and charts with the International Data Explorer', 'Dig into our library of ready-made tables', and 'View our bibliography of international education articles'. A 'Training International Data Training' link is also present.

International Data Explorer

Analyzes PIRLS, PISAS and TIMSS data and can create statistical tables, graphics and maps:

<http://nces.ed.gov/surveys/international/ide/>



The screenshot shows the IDE website with a navigation bar including 'IAP', 'PISA', 'PIRLS', 'TIMSS', 'PIAAC', and 'Contact Us'. The main content area features a large image of a globe with the 'IDE' logo. Below this, there is a section titled 'Do you have questions about U.S. students' knowledge and skills in comparison to their international peers?' followed by a paragraph explaining the IDE's capabilities. At the bottom, there are three logos for 'PISA USA', 'PIRLS', and 'TIMSS USA'.

The **PISA IDE**, **PIRLS IDE**, and **TIMSS IDE** provide results for the United States, including U.S.-specific variables, and other national and subnational education systems from each study's cycle of administration. The most recent data are from PISA 2012, PIRLS 2011, and TIMSS 2011. The results include mathematics and science achievement for 4th-graders (TIMSS), 8th-graders (TIMSS), and 15-year-olds (PISA); reading achievement for 4th-graders (PIRLS) and 15-year-olds (PISA); problem-solving achievement for 15-year-olds (PISA); and financial literacy achievement for 15-year-olds (PISA). Also included are responses to a student questionnaire about students' background, beliefs and attitudes about learning, and school experiences (PISA, PIRLS, and TIMSS); responses to a teacher questionnaire about instructional practices, pedagogical beliefs, classroom resources, and background and training (PIRLS and TIMSS); and responses to a school questionnaire about school characteristics, policies, and resources (PISA, PIRLS, and TIMSS).



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