

# NAEP and International Assessments

August 28, 2013  
DAC Annual Meeting



# NAEP and International Assessments in Florida

## *Legislative Mandate*

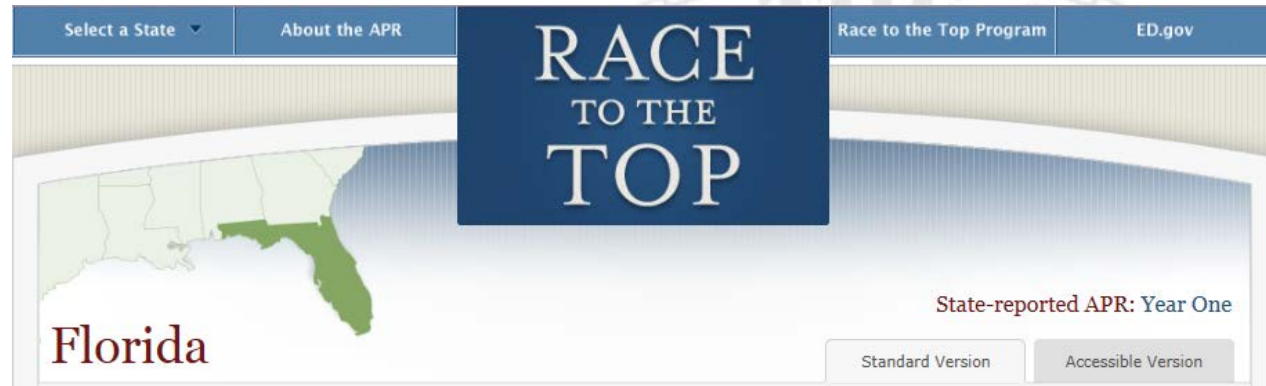
Florida State Statute  
1008.22 (2)

“The Commissioner of Education shall direct Florida school districts to participate in the administration of NAEP, or similar national or international assessment program...”



# Race to the Top Initiatives

## *International Assessments*



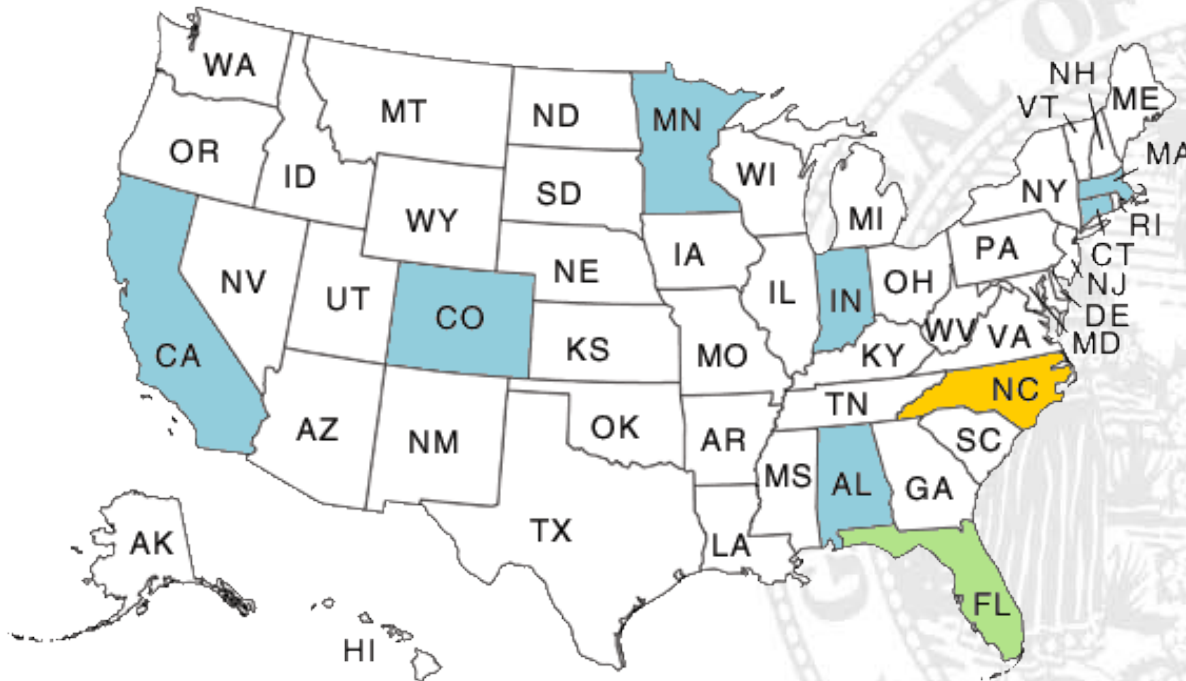
- Florida participated in international linking and benchmarking studies for TIMSS, PIRLS, and PISA in 2011 and 2012
- Goal: to make international comparisons of student achievement, analyze progress, determine prioritized areas of needed improvement, and adjust priorities for development of resources and strategies

# NAEP and International Assessments

	<u>PIRLS</u>	<u>TIMSS</u>	<u>PISA</u>	<u>NAEP</u>
<b>Assessment Title</b>	Progress in International Reading Literacy Study	Trends in International Mathematics and Science	Program for International Student Assessment	National Assessment of Educational Progress
<b>What is assessed?</b>	Reading Literacy	Mathematics and Science	Reading, mathematics, and scientific literacy, with one subject assessed in depth at each administration (on a rotating basis) and the other two subjects as minor domains.	Mathematics and reading are assessed at the state-level every other year, in odd-numbered years. Science is assessed every four years, in odd-numbered years.
<b>What year did the study begin?</b>	<u>2001</u>	<u>1995</u>	<u>2000</u>	1969 National; 1990 State
<b>How often is the study conducted?</b>	Every 5 years	Every 4 years	Every 3 years	Main NAEP every 2 years, in odd-numbered years
<b>When was the study last administered?</b>	Spring 2011	Spring 2011	Fall 2012	Winter 2013
<b>When were/will results be available?</b>	December 11, 2012	December 11, 2012	Winter 2013/2014	October 2013, grades 4 and 8 March 2014, grade 12
<b>When will the study be conducted next?</b>	Spring 2016	Spring 2015	Fall 2015	2014 National; 2015 State
<b>What is the target population?</b>	Fourth-graders	Fourth- and eighth-graders	15-year-olds	Fourth-, eighth-, and twelfth-graders
<b>How many U.S. participants were in the most recent study?</b>	15,361	Grade 4: 17,051 Grade 8: 30,254	11,725	Grade 4: 401,800 Grade 8: 322,200
<b>How many jurisdictions usually participate in the assessment?</b>	53 education systems	Grade 4: 57 total Grade 8: 56 total	65 education systems	50 states, DC, DOD
<b>Are state-level data available?</b>	Yes, Florida received state-level data for PIRLS 2011.	Yes, for a few participating states in 1999, 2007, and 2011. For TIMSS 2011*, nine states received state-level data (AL, CA, CT, CO, FL, IN, MA, MN, and NC).	Yes, Connecticut, Florida, and Massachusetts will receive state-level data for PISA 2012.	Yes
<b>Are district-level data available?</b>	No	Yes, for a few participating districts in 1995, 1999, and 2011. Hillsborough and Miami-Dade will receive projected TIMSS scores in mathematics.	No	Yes, for 21 Trial Urban Districts, including Hillsborough and Miami-Dade.
<b>Web address?</b>	<a href="http://timssandpirls.bc.edu/">http://timssandpirls.bc.edu/</a>	<a href="http://timssandpirls.bc.edu/">http://timssandpirls.bc.edu/</a>	<a href="http://nces.ed.gov/surveys/pisa/">http://nces.ed.gov/surveys/pisa/</a>	<a href="http://nces.ed.gov/nationsreportcard/">http://nces.ed.gov/nationsreportcard/</a>

\* State-level TIMSS data to be used to validate NAEP grade 8 mathematics and science scores.





- NAEP-TIMSS Linking Study Validation State
- NAEP-TIMSS Linking Study Validation State; also participated in grade 4 state TIMSS at their own expense
- Participated in state-level TIMSS (grades 4 & 8) and PIRLS (grade 4) at their own expense

# National and International Assessment Activities 2013-2014

	SUMMER 2013	FALL 2013	WINTER 2013/2014	SPRING 2014
RECRUIT	<b>NAEP 2014</b> Civics, Geography, U.S. History, Technology and Engineering Literacy: Grade 8; Science Pilots: Grades 4, 8, 12	<b>TIMSS 2015</b> Math and Science Field Test: Grades 4, 8; Calculus and Physics Field Test: Grade 12		
		<b>PISA 2015</b> Math, Reading, Science, and Collaborative Problem Solving Field Tests: Age 15		
		<b>ECLS-K: 2011</b>		
ADMINISTER				<b>NAEP 2014</b> Civics, Geography, U.S. History, and Technology and Engineering Literacy: Grade 8; Science Pilots: Grades 4, 8, 12  <b>TIMSS 2015</b> Math and Science Field Test: Grades 4, 8; Calculus and Physics Field Test: Grade 12  <b>PISA 2015</b> Math, Reading, Science, and Collaborative Problem Solving Field Tests: Age 15  <b>ECLS-K: 2011</b>
RELEASE	<b>NAEP-TIMSS</b> International Linking Study; Math and Science: Grade 8 September	<b>NAEP 2013</b> Math and Reading: Grades 4, 8 October	<b>PISA 2012</b> Math, Reading, and Science: Age 15 December	<b>NAEP 2013</b> Math and Reading: Grade 12 March 2014
	<b>NAEP 2012</b> Long-term trend Math and Reading: Ages 9, 13, 17 Released in June	<b>ECLS-K: 2011</b> Restricted-Use Data: Grade 1	<b>ECLS-K: 2011</b> Public-Use Data: Kindergarten, Grade 1	<b>PISA 2012</b> Problem Solving and Financial Literacy: Age 15
		<b>NAEP TUDA 2013</b> Math and Reading, Grades 4, 8 November	<b>HSLs: 09</b> First Follow-Up Data	

**ECLS-K: 2011** Early Childhood Longitudinal Study, Kindergarten Class of 2010-11  
**HSLs** High School Longitudinal Study  
**NAEP** National Assessment of Educational Progress

**PIRLS** Progress in International Reading Literacy Study  
**PISA** Program for International Student Assessment  
**TIMSS** Trends in International Mathematics and Science Study



# PIRLS 2011

## 53 Participating Education Systems





# Florida scored 2<sup>nd</sup> in the WORLD on grade 4 PIRLS!

Grade 4 PIRLS Reading	
Educational System	Average Scale Score
Hong Kong	571
<b>Florida</b>	<b>569</b>
Russian Federation	568
Finland	568
Singapore	567
Northern Ireland	558
<b>U.S.</b>	<b>556</b>
Denmark	554
Croatia	553
Chinese Taipei	553
Ontario Canada	552
Ireland	552
England	552
<b>40 additional education jurisdictions</b>	<b>548 – 310</b>

Not significantly  
different from  
U.S.





# TIMSS 2011

## 57 Participating Education Systems





# Florida scores 9<sup>th</sup> in the WORLD on grade 4 TIMSS Mathematics!

Grade 4 TIMSS Mathematics	
Educational System	Avg. Scale Score
Singapore	606
Korea	605
Hong Kong	602
Chinese Taipei	591
Japan	585
Northern Ireland	562
North Carolina	554
Belgium	549
<b>Florida</b>	<b>545</b>
Finland	545
England	542
Russian Federation	542
<b>United States</b>	<b>541</b>
Netherlands	540
Denmark	537
Lithuania	534
Quebec Canada	533
Portugal	532
Germany	528
Ireland	527
Ontario Canada	518
<b>37 additional education jurisdictions</b>	<b>516 - 248</b>

Not significantly different from the U.S.





**Florida’s grade 8 TIMSS Mathematics average (513) not measurably different from 11 other education systems**

Grade 8 TIMSS Mathematics	
Educational System	Avg. Scale Score
Korea	613
Singapore	611
Chinese Taipei	609
Hong Kong	586
Japan	570
Massachusetts	561
Minnesota	545
Russian Federation	539
North Carolina	537
Quebec	532
Indiana	522
Connecticut	518
Colorado	518
Israel	516
Finland	514
<b>Florida</b>	<b>513</b>
Ontario Canada	512
<b>United States</b>	<b>509</b>
England	507
Hungary	505
Alberta Canada	505
Australia	505
Slovenia	505
<b>33 additional education jurisdictions</b>	<b>502-331</b>



**Not significantly different from the U.S.**



# Florida scored 7<sup>th</sup> in the WORLD on grade 4 TIMSS Science!

Grade 4 TIMSS Science	
Educational System	Avg. Scale Score
Korea	587
Singapore	583
Finland	570
Japan	559
Chinese Taipei	552
Russian Federation	552
<b>Florida</b>	<b>545</b>
<b>United States</b>	<b>544</b>
North Carolina	538
Czech Republic	536
Hong Kong	535
Hungary	534
Sweden	533
Slovak Republic	532
Austria	532
Netherlands	531
England	529
Denmark	528
Germany	528
Ontario Canada	528
<b>37 additional education jurisdictions</b>	<b>524 - 209</b>

Not significantly different from the U.S.



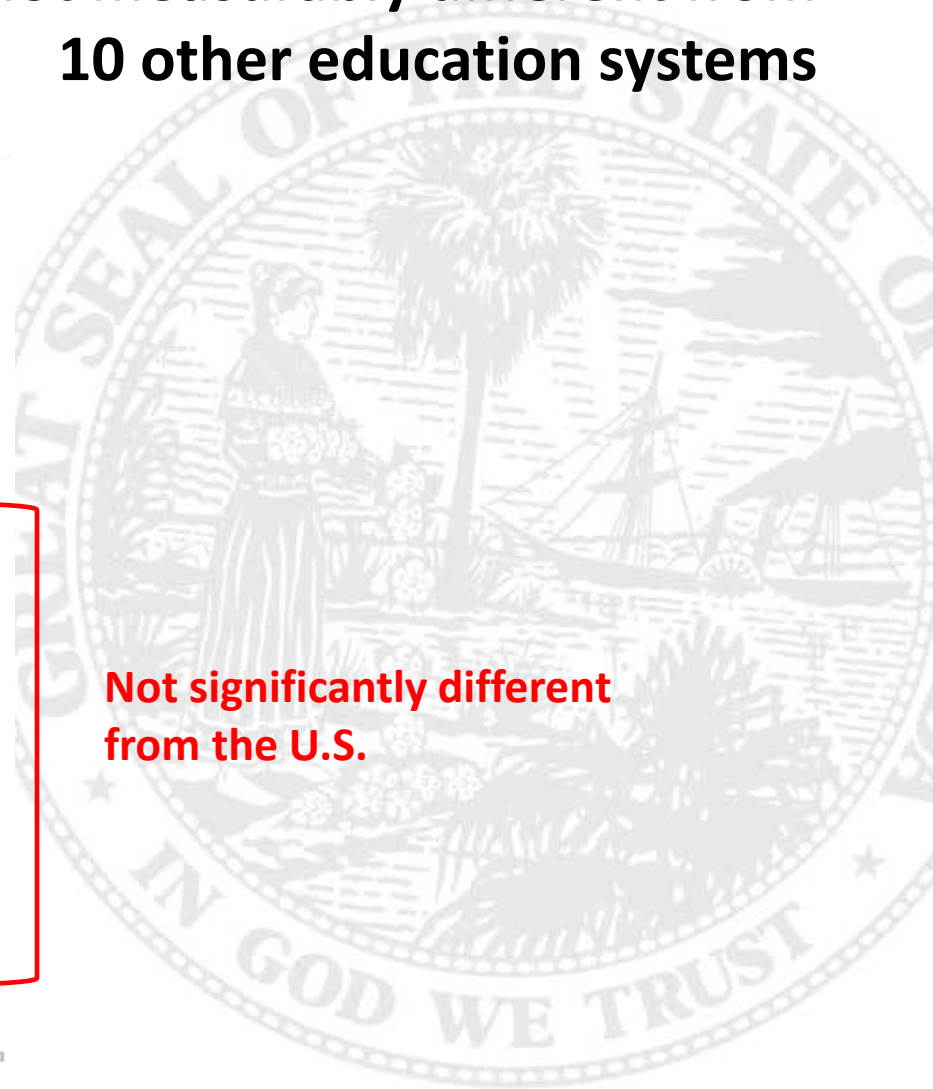




# Florida's grade 8 TIMSS Science average (530) not measurably different from 10 other education systems

Grade 8 TIMSS Science	
Educational System	Avg. Scale Score
Singapore	590
Massachusetts	567
Chinese Taipei	564
Korea	560
Japan	558
Minnesota	553
Finland	552
Alberta -CAN	546
Slovenia	543
Colorado	542
Russian Federation	542
Hong Kong	535
England	533
Indiana	533
Connecticut	532
North Carolina	532
<b>Florida</b>	<b>530</b>
<b>United States</b>	<b>525</b>
Hungary	522
Ontario Canada	521
Quebec Canada	520
Australia	519
Israel	516
<b>33 additional education jurisdictions</b>	<b>514-306</b>

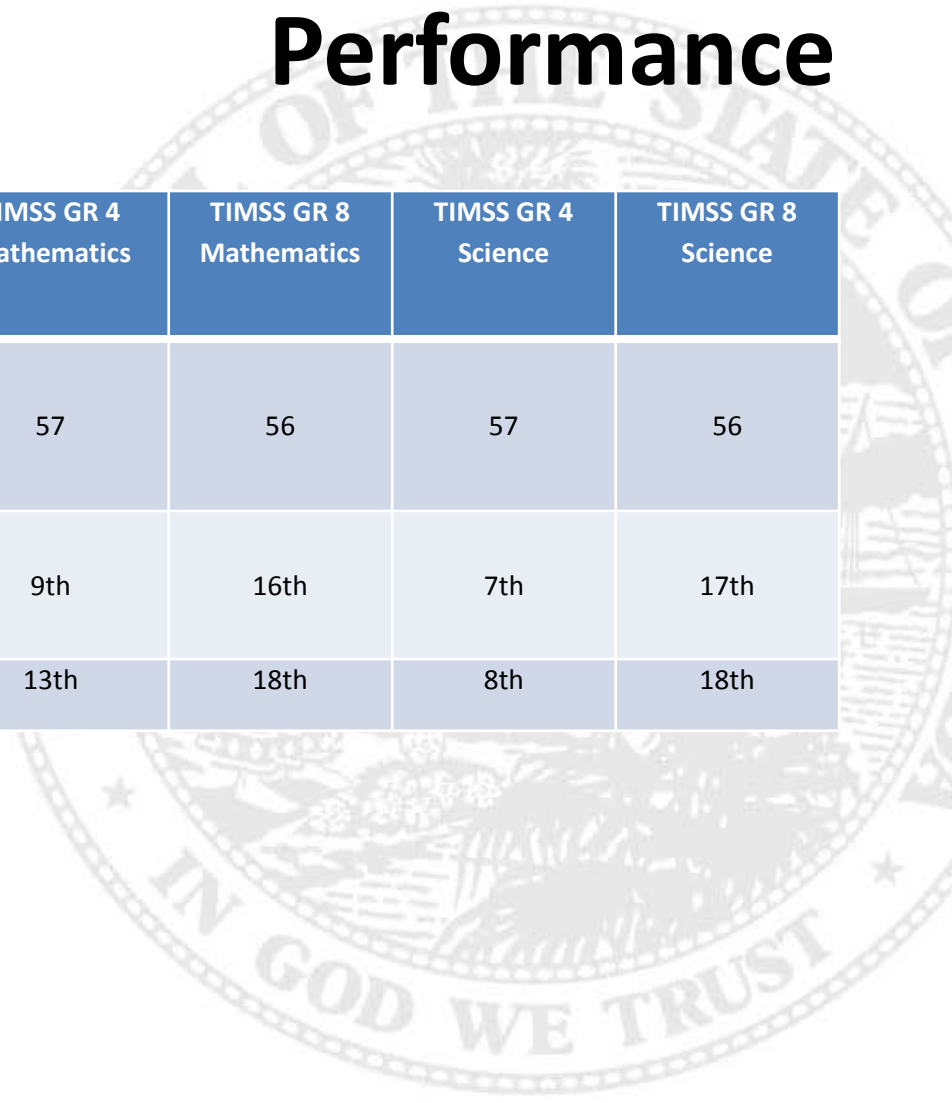
Not significantly different from the U.S.





# Summary of International Performance

	PIRLS Gr 4 Reading	TIMSS GR 4 Mathematics	TIMSS GR 8 Mathematics	TIMSS GR 4 Science	TIMSS GR 8 Science
Number of Participating Education Systems	53	57	56	57	56
Where did Florida place?	2nd	9th	16th	7th	17th
Where did U.S. place?	7th	13th	18th	8th	18th



# International Data Explorer

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

- Analyzes TIMSS, PIRLS, and PISA data
- Creates statistical tables and graphs
- Compares the performance of the U.S. with that of the other participating jurisdictions

The screenshot shows the homepage of the International Data Explorer (IDE) website. At the top, there is a navigation bar for the National Center for Education Statistics (IES) with a search box and links for Publications & Products, Surveys & Programs, Data & Tools, Fast Facts, School Search, News & Events, and About Us. Below this is the IDE logo and navigation links for IAP, PISA, PIRLS, and TIMSS. The main content area features three large sections: PISA USA, PIRLS, and TIMSS USA. Each section includes a brief description of the data provided and a link to the respective IDE page. The PISA USA section mentions results for 2000, 2006, and 2009. The PIRLS section mentions results for 2001 and 2006. The TIMSS USA section mentions results for 2007. At the bottom, there is a 'System Requirements' section with a list of technical specifications and an 'Accessible version' toggle switch.

**Do you have questions about U.S. students' knowledge and skills in comparison to their international peers?**

With the International Data Explorer (IDE) you can create statistical tables and charts to help you find answers. Explore student performance in reading, mathematics, and science, as well as contextual data including student demographics, instructional experiences, and school characteristics.

**System Requirements:**

- Target screen resolution is 1024x768.
- Internet Explorer 7 or Higher.
- Firefox 3.0 or higher.
- Google Chrome or Safari.
- Enable JavaScript and pop-ups in your browser.
- Adobe Flash Player 9.0.115 or higher. ([Download](#))
- Exports of files to Microsoft Office require Office 2003 or later.
- Exports of files to PDF can be read with Adobe Acrobat Reader.
- Screen reader software should be Jaws 8.0 or higher.

**Accessible version:**  ON  OFF

# NAEP

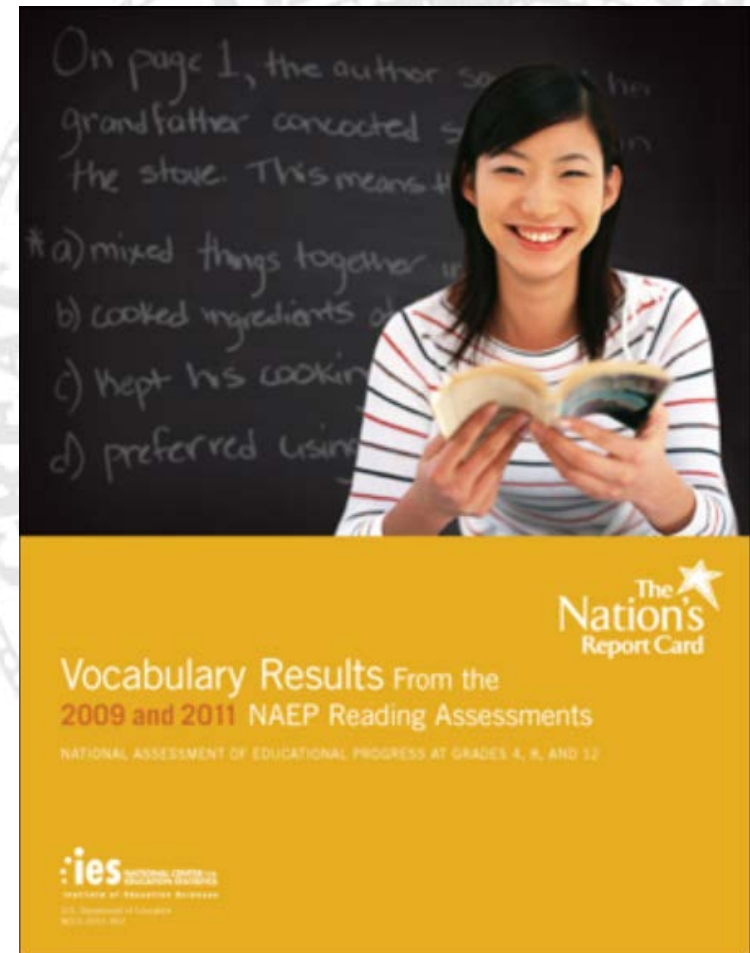
- Largest nationally representative assessment of what our nation's students know and can do
- Results are released as The Nation's Report Card
- Has been congressionally authorized and funded since 1969
- Expanded from a national to a state-level assessment in 1990
- Expanded to begin including large urban districts in 2002
- Reports on the status and progress of student achievement in core subjects at grades 4, 8, and 12
- Provides results to help develop ways to improve education in the U.S.





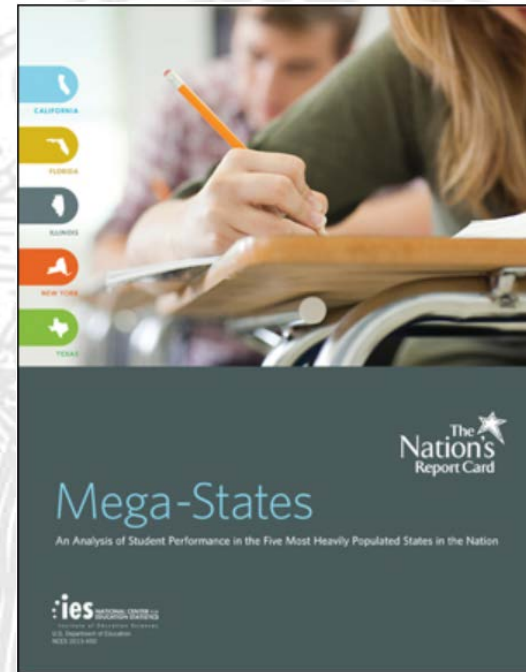
# NAEP Vocabulary 2009 and 2011

- Report released December 6, 2012
- Florida's grade 4 public school students scored significantly higher than the nation in 2009 and 2011
- Only 6 states had grade 4 students who scored significantly higher than Florida in 2011 – MA, MD, ND, NH, PA, VA
- No states had Hispanic students scoring significantly higher than Florida in 2011 at grade 4 or 8
- <http://nces.ed.gov/nationsreportcard/pubs/main2011/2013452.asp> and <http://www.fldoe.org/asp/naep/pdf/09-11vocab.pdf>

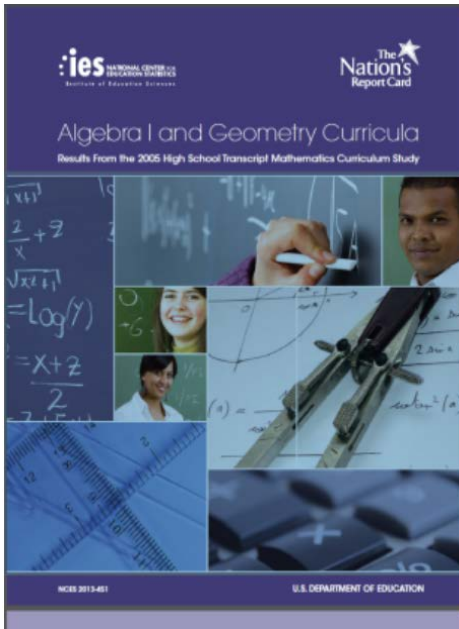


# Mega-States Report

- Report released February 21, 2013
- Compared scores from the 5 states that, together, educate more than 1/3 of the nation's students
- Grades 4 and 8 in mathematics, reading, and science
- Florida students posted a greater gain on the **grade 4 reading** assessment between 1992 and 2011 than CA, NY, TX, and the nation
- In 2011, 22% of Florida's **grade 8** Hispanic students scored at or above *Proficient* on NAEP **mathematics** – significantly higher than CA and NY
- In 2009, 23% of Florida's **grade 4** Hispanic students scored at or above *Proficient* on NAEP **science** – significantly higher than the nation and the other Mega States
- <http://nces.ed.gov/nationsreportcard/pdf/main2011/2013450.pdf>



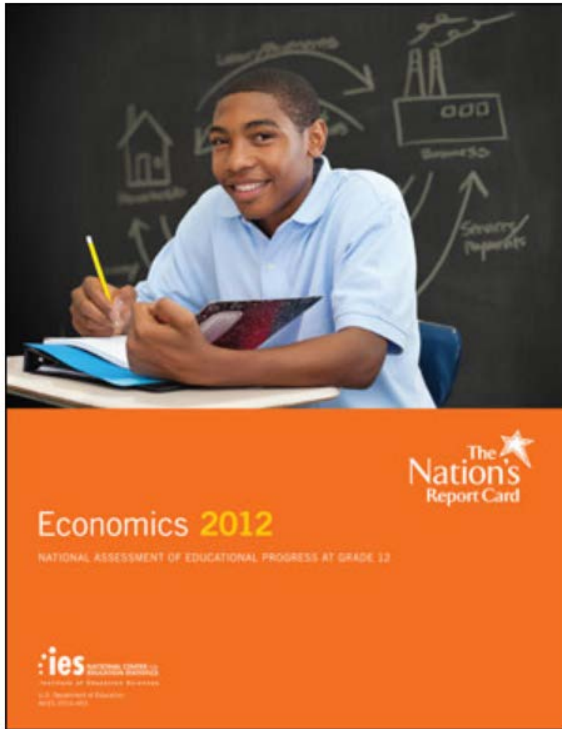
# 2005 High School Transcript Mathematics Curriculum Study



- Report released March 12, 2013 – only national results
  - High school graduates in 2005 earned more mathematics credits, took higher-level mathematics courses, and obtained higher grades in mathematics courses than in 1990
  - School course titles often overstated course content and challenge
  - Less than 20% of graduates who took an “honors” algebra 1 course actually received a rigorous curriculum
  - Only 33% of graduates who took an “honors” geometry course received a rigorous curriculum
- 
- At least 10% of high school algebra 1 and geometry class content focused on elementary and middle school mathematics topics, regardless of rigor
  - Course level definitions based on curriculum topics covered and level of challenge posed to students as stated in summaries of textbook content
  - <http://nces.ed.gov/nationsreportcard/pdf/studies/2013451.pdf>



# NAEP Economics 2012 – Grade 12



- Report released April 24, 2013 - only national results
  - Measured understanding of market, national, and international economy
  - Hispanic students scored higher in 2012 than in 2006, and a larger percentage performed at or above *Basic*
  - Between 2006 and 2012, there was a decrease in the percentage of students scoring below *Basic* and an increase in the percentage of students scoring at or above *Basic*
- <http://nces.ed.gov/nationsreportcard/pubs/main2012/2013453.aspx>

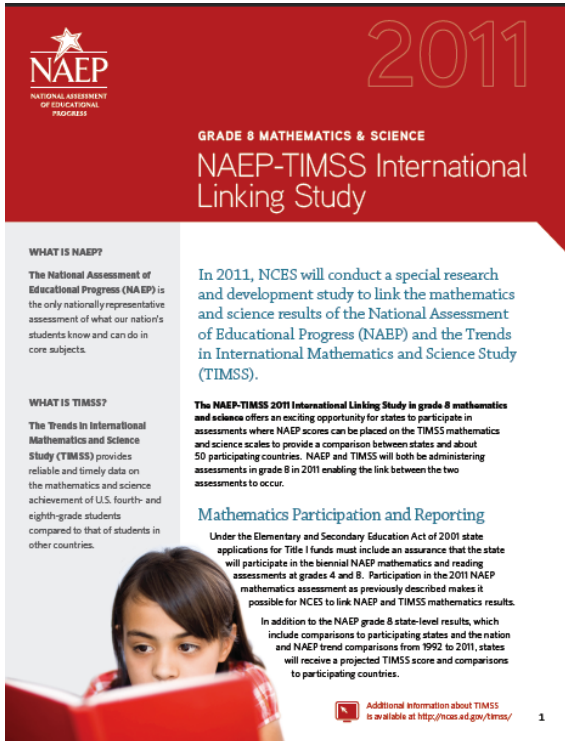


# Trends in Academic Progress



- Report released June 27, 2013 - only national results
  - Both 9- and 13-year olds scored higher in reading and mathematics in 2012 than students their respective ages in the early 1970s
  - 17-year-olds showed no significant change since 1971, the first year the NAEP Long-term Trend assessment was administered
  - Since the last administration in 2008, only 13-year-olds made gains, and they did so in both mathematics and reading
- <http://nces.ed.gov/nationsreportcard/pubs/main2012/2013456.aspx>

# NAEP-TIMSS 2011 LINKING STUDY



The image shows a brochure for the NAEP-TIMSS 2011 International Linking Study. The top section is red with the NAEP logo and the year '2011' in large white text. Below this, the title 'GRADE 8 MATHEMATICS & SCIENCE NAEP-TIMSS International Linking Study' is written in white. The main body of the brochure is white with black text. It includes sections titled 'WHAT IS NAEP?' and 'WHAT IS TIMSS?'. The 'WHAT IS NAEP?' section describes the National Assessment of Educational Progress (NAEP) as the only nationally representative assessment of what our nation's students know and can do in core subjects. The 'WHAT IS TIMSS?' section describes the Trends in International Mathematics and Science Study (TIMSS) as providing reliable and timely data on the mathematics and science achievement of U.S. fourth- and eighth-grade students compared to that of students in other countries. A photograph of a young girl reading a red book is positioned at the bottom left of the brochure. To the right of the photo, there is text about the 2011 linking study and a small icon of a computer monitor with a link to additional information.

**2011**

**GRADE 8 MATHEMATICS & SCIENCE**  
**NAEP-TIMSS International Linking Study**

**WHAT IS NAEP?**  
The National Assessment of Educational Progress (NAEP) is the only nationally representative assessment of what our nation's students know and can do in core subjects.

**WHAT IS TIMSS?**  
The Trends in International Mathematics and Science Study (TIMSS) provides reliable and timely data on the mathematics and science achievement of U.S. fourth- and eighth-grade students compared to that of students in other countries.

In 2011, NCES will conduct a special research and development study to link the mathematics and science results of the National Assessment of Educational Progress (NAEP) and the Trends in International Mathematics and Science Study (TIMSS).

The NAEP-TIMSS 2011 International Linking Study in grade 8 mathematics and science offers an exciting opportunity for states to participate in assessments where NAEP scores can be placed on the TIMSS mathematics and science scales to provide a comparison between states and about 50 participating countries. NAEP and TIMSS will both be administering assessments in grade 8 in 2011 enabling the link between the two assessments to occur.

**Mathematics Participation and Reporting**

Under the Elementary and Secondary Education Act of 2001 state applications for Title I funds must include an assurance that the state will participate in the biennial NAEP mathematics and reading assessments at grades 4 and 8. Participation in the 2011 NAEP mathematics assessment as previously described makes it possible for NCES to link NAEP and TIMSS mathematics results.

In addition to the NAEP grade 8 state-level results, which include comparisons to participating states and the nation and NAEP trend comparisons from 1992 to 2011, states will receive a projected TIMSS score and comparisons to participating countries.

Additional information about TIMSS is available at <http://nces.ed.gov/timss/>


1

- <http://nationsreportcard.gov/>

- Report will be released mid-September
- Study designed to link national and international assessments at grade 8 in mathematics and science
- NAEP results were projected onto the TIMSS scoring scales, allowing states to receive projected TIMSS scores and a comparison between individual states and the 50-plus countries that participated in TIMSS
- The 21 TUDAs will receive projected TIMSS scores in mathematics
- Actual TIMSS scores for Florida and the other 8 states that participated in state-level TIMSS will be compared to their projected TIMSS scores to ensure the validity of the study (AL, CA, CO, CT, FL, IN, MA, MN, and NC)

# Governor Uses NAEP Results

NAEP <sup>7</sup>			
4th Grade Math		+26 ★	+26 ★
8th Grade Math	Average Score Change <sup>8</sup> , 1992-2011	+18 ★	+8
4th Grade Reading		+17 ★	+12
8th Grade Reading	Average Score Change, 1998-2011	+7 ★	+7 ★
8th Grade Science	Average Score Change, 2009-2011	+2 ★	+1

**Florida vs. Kentucky**  **What's Working TODAY**

**EDUCATION REPORT CARD**

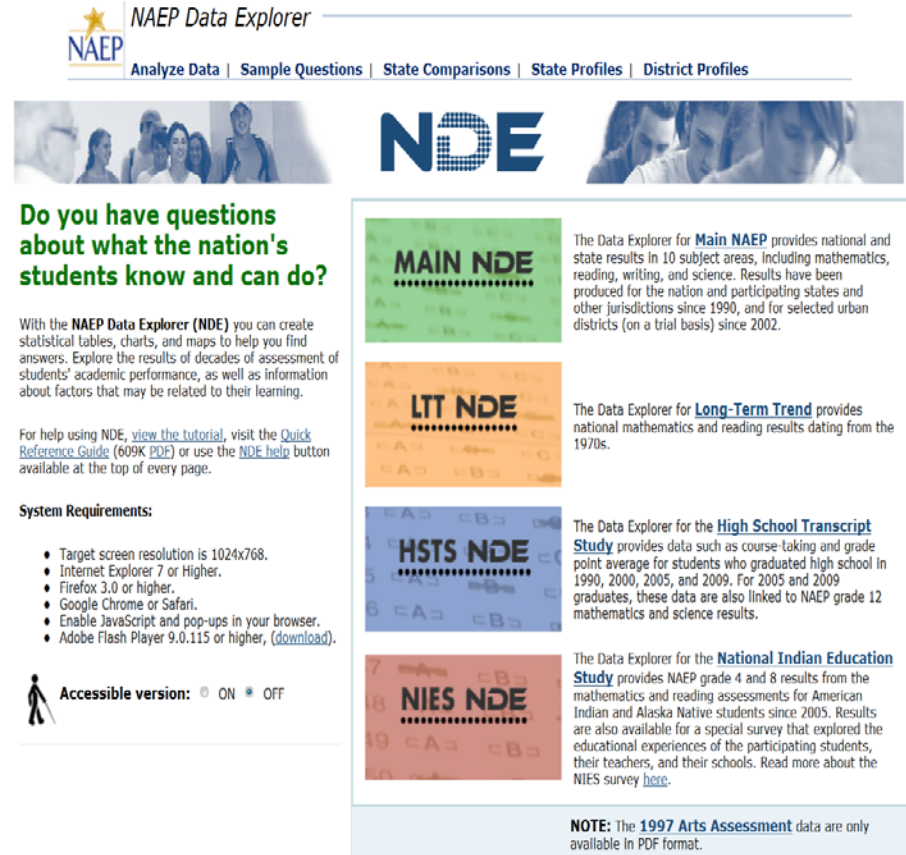
StudentsFirst's State Policy Report Card 2012<sup>1</sup>

	Florida	Kentucky
Overall	Grade	B- ★ D-
	GPA	2.73 ★ 0.88
	Rank	2 ★ 35
Elevating Teaching	Grade	A- ★ D+
	GPA	3.84 ★ 1.41
	Rank	2 ★ 25
Empowering Parents	Grade	C- ★ F
	GPA	1.94 ★ 0.00
	Rank	4 ★ 44
Spend Wisely & Govern Well	Grade	C ★ D
	GPA	2.00 ★ 1.22
	Rank	13 ★ 34
<b>Advanced Placement<sup>2</sup></b>		
Participation <sup>3</sup>	2012	52.9% ★ 31.3%
	Rank	1 ★ 20
Performance <sup>4</sup>	2012	27.3% ★ 15.6%
	Rank <sup>5</sup>	4 ★ 25
Change in Performance 2002-2012 <sup>6</sup>	% point change	12.9% ★ 9%
	Rank	2 ★ 13
<b>NAEP<sup>7</sup></b>		
4th Grade Math		+26 ★ +26 ★
8th Grade Math	Average Score Change <sup>8</sup> , 1992-2011	+18 ★ +8
4th Grade Reading		+17 ★ +12
8th Grade Reading	Average Score Change, 1998-2011	+7 ★ +7 ★
8th Grade Science	Average Score Change, 2009-2011	+2 ★ +1
<b>2013 Quality Counts<sup>9</sup></b>		
Overall	Grade	B- ★ B- ★
	Average Score	81.1 ★ 80.1
	Rank	6 ★ 10
<b>NCTQ State Teacher Policy Yearbook<sup>10</sup></b>		
Delivering Well-Prepared Teachers	2012	B- ★ C+
	2011	B- ★ C-
<b>High School Graduates<sup>11</sup></b>		
Number of Graduates <sup>12</sup>	% Change, 1999-00 to 2010-11	53.3% ★ 13.8%
<b>Four-Year Colleges &amp; Universities<sup>13</sup></b>		
Four-Year Graduation Rates <sup>14</sup>		33.8% ★ 20.5%
Six-Year Graduation Rates <sup>15</sup>		61.4% ★ 46.9%
Degree Completions per 100 Students <sup>16</sup>		21.8 ★ 18.8
Education Spending per Completion <sup>17</sup>		\$10,505 ★ \$75,415
Freshman-to-Sophomore Retention Rates <sup>18</sup>		86.5% ★ 73.8%
In-State Tuition <sup>19</sup>		\$6,222 ★ \$8,455
<b>Two-Year Colleges<sup>20</sup></b>		
Two-Year Graduation Rates <sup>21</sup>		32.5% ★ 18.4%
Three-Year Graduation Rates <sup>22</sup>		52.5% ★ 27.4%
Degree Completions per 100 Students <sup>23</sup>		29.8 ★ 27.5
Education Spending per Completion <sup>24</sup>		\$23,284 ★ \$18,962
Freshman-to-Sophomore Retention Rates <sup>25</sup>		89.7% ★ 60.6%
In-State Tuition <sup>26</sup>		\$3,100 ★ \$4,202



# NAEP Data Explorer

- Analyzes NAEP data
- Creates statistical tables, graphics, and maps
- Compares the performance of jurisdictions and evaluates trends over time
- Shows possible relationships between variables and student performance
- <http://nces.ed.gov/nationsreportcard/naepdata/>



NAEP Data Explorer

Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

**NDE**

**Do you have questions about what the nation's students know and can do?**

With the **NAEP Data Explorer (NDE)** you can create statistical tables, charts, and maps to help you find answers. Explore the results of decades of assessment of students' academic performance, as well as information about factors that may be related to their learning.

For help using NDE, [view the tutorial](#), visit the [Quick Reference Guide \(609K PDF\)](#) or use the [NDE help](#) button available at the top of every page.

**System Requirements:**

- Target screen resolution is 1024x768.
- Internet Explorer 7 or Higher.
- Firefox 3.0 or higher.
- Google Chrome or Safari.
- Enable JavaScript and pop-ups in your browser.
- Adobe Flash Player 9.0.115 or higher, ([download](#)).

**Accessible version:**  ON  OFF

**MAIN NDE**  
The Data Explorer for **Main NAEP** provides national and state results in 10 subject areas, including mathematics, reading, writing, and science. Results have been produced for the nation and participating states and other jurisdictions since 1990, and for selected urban districts (on a trial basis) since 2002.

**LTT NDE**  
The Data Explorer for **Long-Term Trend** provides national mathematics and reading results dating from the 1970s.

**HSTS NDE**  
The Data Explorer for the **High School Transcript Study** provides data such as course-taking and grade point average for students who graduated high school in 1990, 2000, 2005, and 2009. For 2005 and 2009 graduates, these data are also linked to NAEP grade 12 mathematics and science results.

**NIES NDE**  
The Data Explorer for the **National Indian Education Study** provides NAEP grade 4 and 8 results from the mathematics and reading assessments for American Indian and Alaska Native students since 2005. Results are also available for a special survey that explored the educational experiences of the participating students, their teachers, and their schools. Read more about the NIES survey [here](#).

**NOTE:** The 1997 Arts Assessment data are only available in PDF format.



# NAEP 2014



January 27 – March 7, 2014, in 19 districts

Grade and Type of Assessment	Target Sample Size
Grade 4 (Science paper and pencil or Hands-On Tasks)	56*
Grade 8 (U.S. History, Civics, Geography, Science paper and pencil)	100**
Grade 8 (Technology and Engineering Literacy [TEL])	30***
Grade 12 (Science paper and pencil or Hands-On Tasks)	56*

\*If a grade 4 or grade 12 school has 62 or fewer students, the school can choose to have all of the students assessed.

\*\*If a grade 8 school has 110 or fewer students, all of the students will be assessed.

\*\*\*TEL sessions are administered in two sequential sessions of up to 15 students each on NAEP laptops.

# NAEP 2014

Resources for  
participating schools  
<http://www.fldoe.org/asp/naep/naep.asp>

## General Resources

- [An Introduction to NAEP](#) (PDF, 5MB)
- [An Overview of NAEP](#) (PDF, 306KB)
- [NAEP Information for Parents](#)
- [What Every Parent Should Know About NAEP](#) (PDF, 2MB)
- [NAEP Information for Students](#)
- [NAEP Policies for Accommodations](#)
- [NAEP Frequently Asked Questions](#)
- [NAEP Newsletter](#) (PDF, 214KB)

## Main NAEP 2014 - Grades 4, 8, and 12

The 2014 NAEP administration of all will be January 27-March 7, 2014. If you have any problems accessing

## School Resources

### School Principal Documents and Publications

- [Facts for Principals](#) (PDF, 690KB)

### School NAEP Coordinator Documents and Publications

- Technology and Engineering Literacy Assessment
  - [What Will the NAEP Technology and Engineering Literacy Assessment Measure?](#) (PDF, 238KB)
  - [NAEP in Your School for Technology and Engineering Literacy \(TEL\)](#) (PDF, 265KB)
  - [Technology and Engineering Literacy Assessment Information Sheet](#) (PDF, 279KB)
- [NAEP in Your School for Civics, Geography, and U.S. History](#) (PDF, 264KB)
- [NAEP in Your School for Science Pilots](#) (PDF, 279KB)

### Accommodation and Inclusion Documents

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

### Parent/Guardian Letters and Newsletter

- [School Parent/Guardian Notification Letter Confirmation Form](#) (PDF, 39KB)

### Best Practices, Guide for Supporting Twelfth-Grade NAEP Participation

Best practices documents and guide will be available in November.

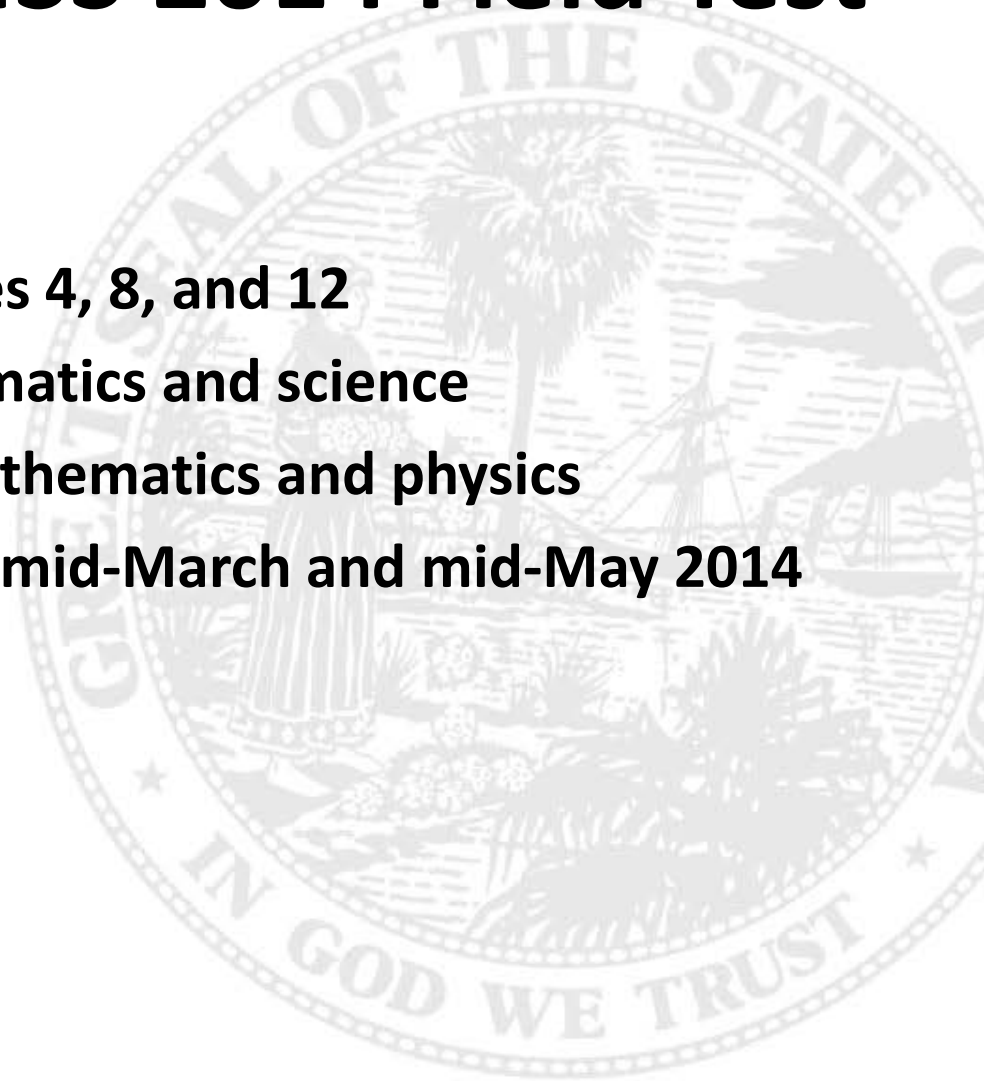
### District Resources

- [NAEP Facts for Districts](#) (PDF, 564KB)
- [DAC Letter, July](#) (Word, 557KB)
- [Principal Letter, July](#) (Word, 52KB)
- [District Assessment Coordinator Parent/Guardian Letter Receipt Form](#) (PDF, 53KB)



# TIMSS 2014 Field Test

- Six schools each at grades 4, 8, and 12
- Grades 4 and 8 – mathematics and science
- Grade 12 – advanced mathematics and physics
- Will take place between mid-March and mid-May 2014



# NAEP Questions and Common Core

**Sample NAEP Tests, Answers, and corresponding Common Core State Standards (Mathematics and Reading) and Next Generation Sunshine State Standards (Science) can be found at**

**<http://www.fldoe.org/asp/naep/naep-pt.asp>**

## **Grade 4 Mathematics, Reading, and Science**

- Available Fall 2013

## **Grades 8 and 12 Reading**

- Available Fall 2013

## **Grade 8 Mathematics**

- Available Fall 2013

## **Grade 8 Science**

- [Sample Questions](#) (PDF, 547KB)
- [Answer Booklet](#) (PDF, 183KB)

## **Grade 12 Mathematics**

- Available Fall 2013

## **Grade 12 Science**

- [Sample Questions](#) (PDF, 436KB)
- [Answer Booklet](#) (PDF, 329KB)



# NAEP Questions Tool

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

- Contains over 1,000 released items from many 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 question by states and subgroups

The screenshot shows the homepage of the NAEP Questions Tool. At the top, there is a navigation bar with the logo for the Institute of Education Sciences (IES) National Center for Education Statistics, along with links for NewsFlash, Staff, Contact, Site Index, and Help. A search bar is also present. Below the navigation bar, there are several menu items: Publications & Products, Surveys & Programs, Data Tools, Tables & Figures, Fast Facts, School, College, & Library Search, Annual Reports, and What's New? KIDZONE. A secondary navigation bar includes links for ABOUT NAEP..., SUBJECT AREAS..., HELP, SITE MAP, CONTACT US, GLOSSARY, and NEWSFLASH. Below this, there are links for SAMPLE QUESTIONS, ANALYZE DATA, STATE PROFILES, and PUBLICATIONS. The main heading is "NAEP Questions" with a subtitle "The Nation's Report Card (home)". A section titled "Explore NAEP Questions" contains a paragraph of text: "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 of this text 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 the text are four main tool buttons: "Questions Tool >>" (circled in red), "Item Maps >>", "Test Yourself >>", and "Scoring >>". Each button has a corresponding image and a brief description of the tool's function. The "Questions Tool" description is: "Explore a database of released NAEP questions, student responses, question-level data, and scorer's commentary." The "Item Maps" description is: "See examples of what students at each achievement level are likely to know and can do in a subject." The "Test Yourself" description is: "Try out actual questions administered to students in the NAEP assessments." The "Scoring" description is: "Learn how NAEP questions are scored." At the bottom right, there is a blue box with the text: "Explore the latest released questions from the 2006 civics, economics, and U.S. history assessments."



**Michele Sonnenfeld,  
NAEP State Coordinator  
Florida Department of Education  
325 W. Gaines Street, Room 414  
(850) 245-0787  
FAX (850) 245-0771  
[Michele.Sonnenfeld@fldoe.org](mailto:Michele.Sonnenfeld@fldoe.org)  
<http://www.fldoe.org.asp.naep>**