NAEP Data Tools on the Web

Results and Tools

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Mississippi Department of Education

VISION

To create a world-class educational system that gives students the knowledge and skills to be successful in college and the workforce, and to flourish as parents and citizens

MISSION

To provide leadership through the development of policy and accountability systems so that all students are prepared to compete in the global community



MISSISSIPPI STATE BOARD OF EDUCATION STRATEGIC PLAN GOALS

1

All
Students
Proficient
and Showing
Growth in All
Assessed
Areas



2

Every
Student
Graduates
from High
School and
is Ready for
College and
Career



3

Every
Child Has
Access
to a HighQuality Early
Childhood
Program



4

Every
School Has
Effective
Teachers and
Leaders



5

Every
Community
Effectively
Uses a
World-Class
Data System
to Improve
Student
Outcomes



6

Every
School and
District is
Rated "C" or
Higher



Background



What is NAEP?

- The National Assessment of Educational Progress
 (NAEP) is the largest continuing and nationally
 representative assessment of what our nation's students
 know and can do in various subjects.
- A survey designed to produce national, state, and select urban district level results
 - NAEP results are for populations of students, not for individual students nor schools.
 - Measures student performance nationally and reports change over time.



Allows for comparisons between states and the nation.

NAEP Subjects

- Civics
- Geography
- Mathematics*
- Music
- Reading*

- Science
- U.S. History
- Visual Arts
- Vocabulary
- Writing

*Reading and Mathematics are tested every NAEP administration.



NAEP School Selection

- Identify Schools
- Classify Schools
- Arrange Schools
- List Schools
- Select Schools
- Confirm Schools



NAEP Student Selection

- The MDE uploads a list of ALL students in grades 4, 8, and 12 that are enrolled in the selected schools.
- NCES selects a random student sample that best reflects the student population of the school.
- School Coordinators review and verify the student list and add newly enrolled students.
- Students are not selected by the MDE.



NAEP Administration

- Assessments are administered by a team of 3-4 NAEP representatives.
- NAEP is administered digitally on NCES owned equipment including a tablet with an attached keyboard, stylus, and earbuds.
- Two sequential sessions are administered with approximately 25 students each.



Student Workstation





NAEP Results

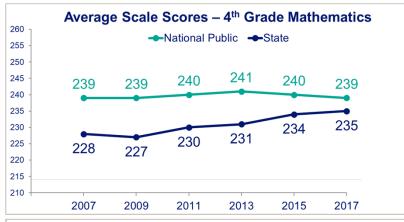


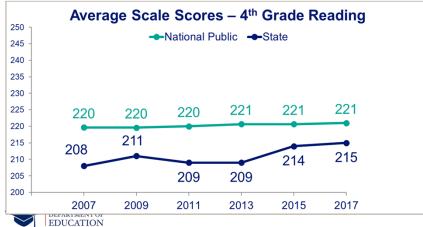
NAEP Results

- NAEP results are presented in two ways:
 - Achievement Level (Basic, Proficient, Advanced)
 - Scale Score (0-500)
- Results are reported for students overall and for selected demographic groups such as race/ethnicity, gender, disability, EL status, and eligibility for the National School Lunch Program (NSLP).

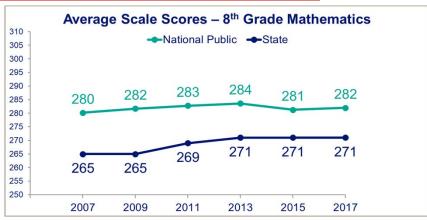


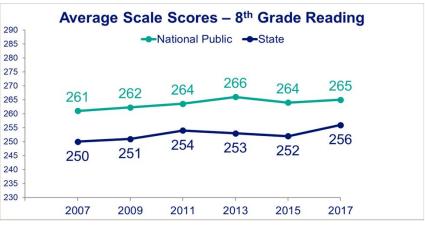
Average Scale Score





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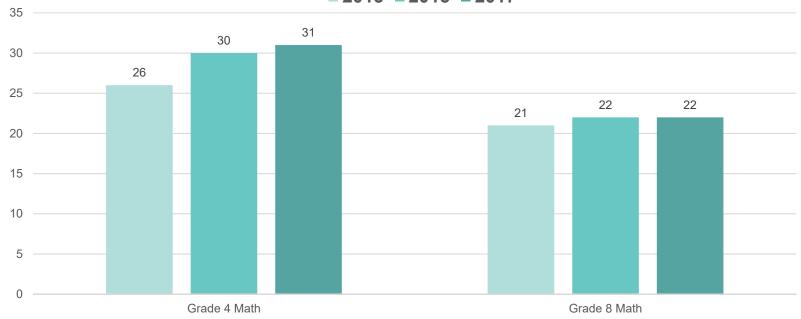




At or Above Proficient - Mathematics

% of Students Scoring At or Above Proficient

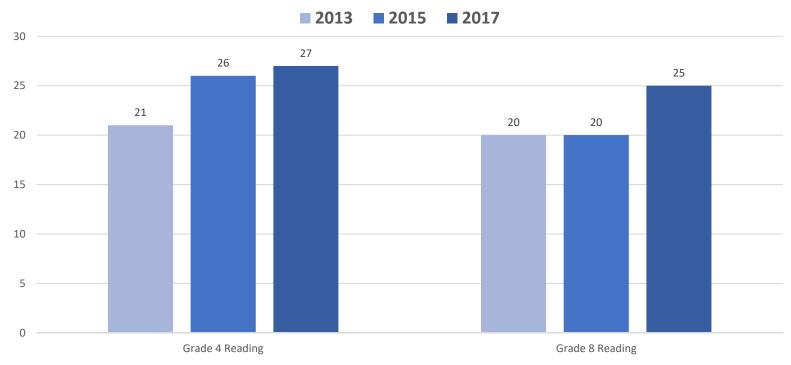
2013 2015 2017





At or Above Proficient - Reading

% of Students Scoring At or Above Proficient





Successes from NAEP 2017

- Students in MS outpaced the nation in growth from 2007-2017.
- MS was 1st in the nation (tied with Washington state) for the highest growth in 8th grade reading from 2015-2017.
- Percentage of students scoring Proficient or above in 8th grade reading significantly higher than in 2015.



Similarities with MAAP



English Language Arts

Percentages of passages by text type and grade

Grade	Literary	Informational
4	50	50
8	45	55
12	30	70

Taken from NAEP 2017 Framework

• Passage length for grades 4, 8, and 12

Grade	Range of Passage Lengths (Number of Words)
4	200-800
8	400-1,000
12	500-1,500

Taken from NAEP 2017 Framework



English Language Arts

Cognitive Targets for Reading

Grade	Locate/Recall	Integrate/Interpret	Critique/Evaluate
4	30	50	20
8	20	50	30
12	20	45	35

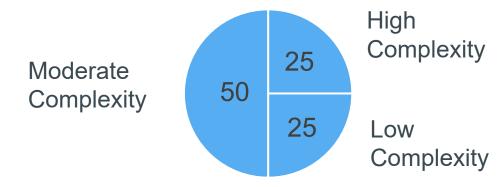
Taken from NAEP 2017 Framework



Mathematics

Content Areas

- Number Properties and Operations
- Measurement
- Geometry
- Data Analysis, Statistics, and Probability
- Algebra
- Complexity of Math Items

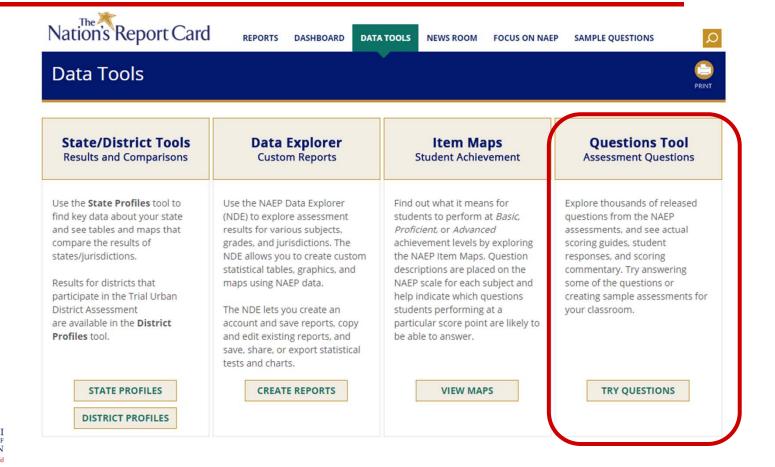




NAEP Tools on the Web

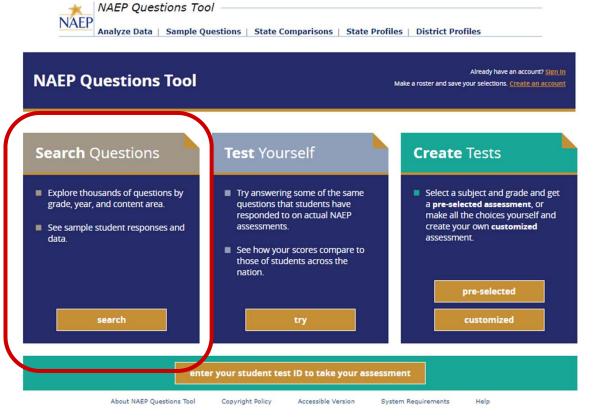


Tools on the Web





NAEP Questions Tool Home

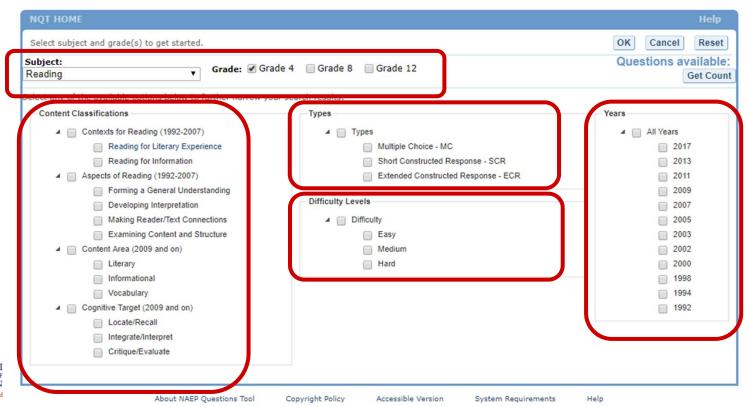


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https://nces.ed.gov/nationsreportcard/nqt/

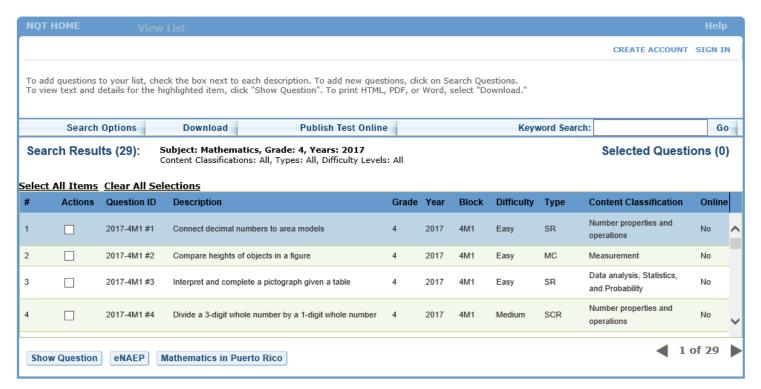
NAEP Questions Tool - Search





NAEP Questions Tool - Search



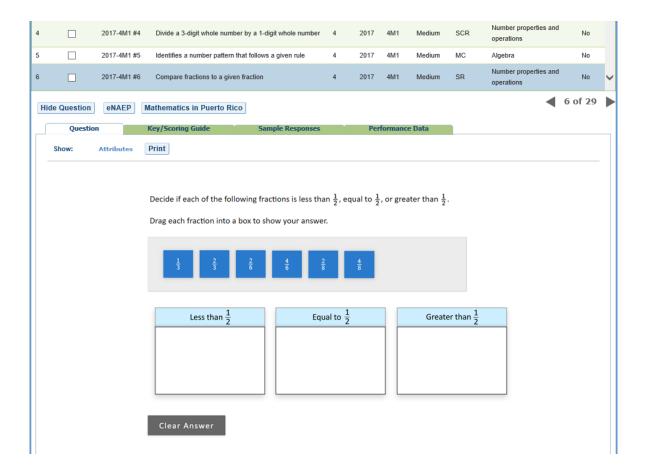




About NAEP Questions Tool Copyright Policy Help Accessible Version System Requirements

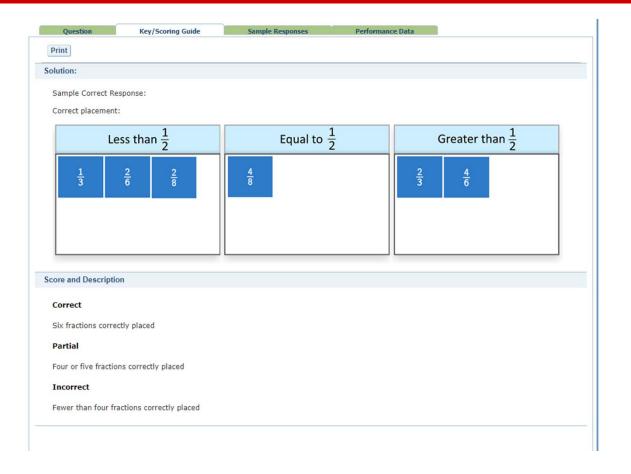
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Show Question



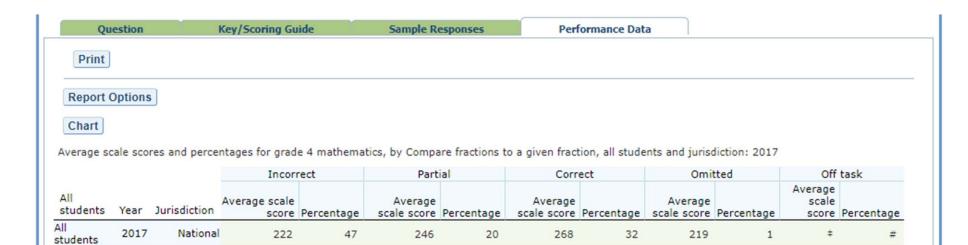


Key/Scoring Guide





Performance Data



[#] Rounds to zero.

Mississippi

218

48

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Detail may not sum to totals because of rounding. Some apparent differences between estimates may not be statistically significant.

24

261

27

#

1

#

#

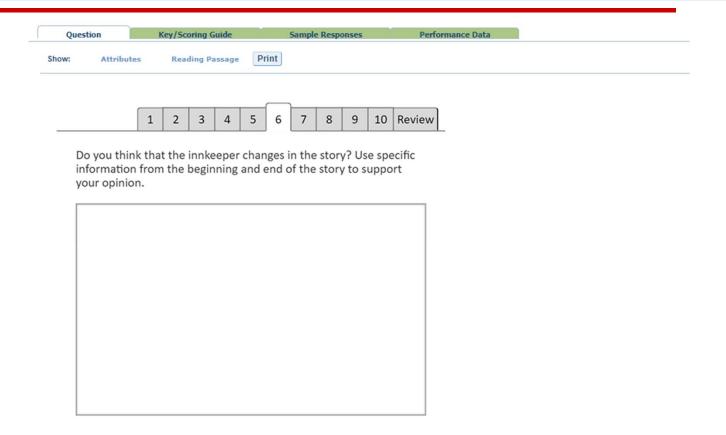
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

243



^{*} Reporting standards not met.

Show Question





Key/Scoring Guide



Extensive

Responses at this level provide an opinion about whether the innkeeper changes, and use specific information from both the beginning and end of the story to support the opinion.

- Yes, I think that the innkeeper changes very much in the story. At the beginning, the innkeeper took pity on the hungry poor boy. he says,
 "I'll see what I can spare." and give the boy food. At the end of the story, the innkeeper tried to take advantage of the rich man by
 demanding, "ten thousand akches." for the eggs. Over the course of the story, the inkeeper changed from a kind man, willing too feed a
 poor boy, to a greedy man who wanted to unfairly take the man's money.
- I don't believe he changes in the story because, even 10 years before he grumbled about giving the boy rations. When the boy grew up to
 be a wealthy merchant, the innkeeper was eager to take his money. So, through out the entire story, the man shows greed.
- · Yes, because 1st he gives the boy food sense he was poor, then he gave a rediculus price and wants to be in court with the boy

Essential

Responses at this level provide an opinion about whether the innkeeper changes and make an explicit statement about the innkeeper's character, but use specific information from only one part of the story to support the opinion.

- I think that the innkeeper did change since in the beginning of the story, he spared some food to the merchant, but in the middle, the
 innkeeper began to sound greedy.
- Yes, because at the beginning the inkeeper was a little nice because he helped the boy out but in the middle the inkeeper got realy greedy but at the end he learned a valuable lesson

Partia

- a) Responses at this level provide an opinion about whether the innkeeper changes, but support the opinion with only general reference to the story.
 - . I thik he did not change because he was so greedy.
 - · Yes because the Innkeeper was nice at first, then when the merchant comes back he starts to be greedy.

OF

- b) Responses provide specific information about the innkeeper from only one part of the story, but do not make an explicit statement about the innkeeper's character.
 - . No, Because in the Beginning he gives a boy five boilied eggs to eat. He spares food. And he make the boy successful.
 - · The innkeeper gave a boy food than that



Sample Responses

Question	Key/Scoring Guide	Sample Responses	Performance Data
Print			
Extensive - Studen	t Response		
says "I'II se and put the This shows boy who ne had said "Ti heart, the b	e what I can spare,' the in m on a plate with some stath that the innkeeper was kin eded it more than he did. hat'll be thousand akches."	nkeeper grumbled. He to ale bread. 'Here,' he said d and charitable becaus' But, towards the end of 'This shows greediness l innkeeper capitalized on	Towards the beginning of the story, it bok five boiled eggs out of a large bowl I plopping the platter in front of the boy." e he gave some of his food away to a the story, the innkeeper got greedy. He because out of the kindness of his this opportunity by asking for much
eggs for fre amount he	e. Later in the story, the in lost that day. e suggests the innkeeper chang	nkeeper is still greedy as	and about giving the boy five boiled and wants way more money that the go of the story, to greedy, at the end. The response uses an andness and an example from later in the story to illustrate his
greed. The secon	nd response suggests the innkee	per is greedy at the beginnin	g of the story because he was reluctant to give the boy the eggs for ney for the eggs than they cost him.
Essential - Student	Response		
	nat he stayed the same thr e that is way to high for fiv		was mean and not nice and he put a stal bread.
No. I thin so he isn't h		throughout the story is	himself, although he did feed the boy,

Performance Data

Question Key/Scoring Guide Sample Responses Performance Data

Print

Report Options

Chart

Average scale scores and percentages for grade 8 reading, by Evaluate character development using text support from beginning and end of a story, all students and jurisdiction: 2017

			Unsat	isfactory	Pa	artial	Ess	sential	Ext	ensive	Or	mitted	Of	f task
All students	Year	Jurisdiction	Average scale score	Percentage	Average scale score	Percentage	Average scale score	Percentage	Average scale score	Percentage	Average scale score		Average scale score	Percentage
All students	2017	National	230	14	255	22	274	23	285	39	227	1	‡	#
		Mississippi	231	17	248	23	263	22	277	36	‡	2	‡	#

[#] Rounds to zero.

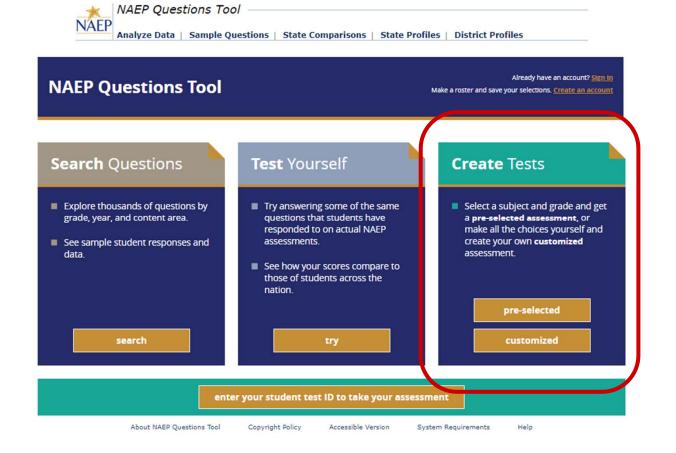
NOTE: The NAEP Reading scale ranges from 0 to 500. Detail may not sum to totals because of rounding. Some apparent differences between estimates may not be statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Reading Assessment.



^{*} Reporting standards not met.

NAEP Questions Tool - Home



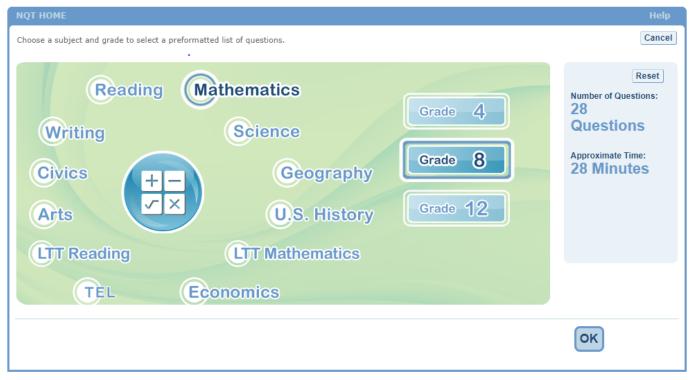


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-	NAEP Questions Tool
NAEP	
1 1/ LLI	Analyze Data Sample Questions State Comparisons State Profiles District Profiles
	Analyze Data Sample Questions State Comparisons State Promes District Promes

	: ☐ Grade 4 ☑ Grade 8 ☐ Grade 12	Questions
Select any of the available options below to further narrow your Content Classifications	Types	Years
△ Content Area	△ Types	⊿ ☐ All Years
Number properties and operations Measurement	☐ Multiple Choice - MC ☐ Selected Response - SR	
Geometry	Short Constructed Response - SCR	
Data analysis, Statistics, and Probability	Extended Constructed Response - ECR	
Algebra	Extended Constitution (Corporate Corporate Cor	
△	Difficulty Levels	— H
Conceptual understanding	□ Difficulty	
Procedural knowledge	Easy	
Problem solving	Medium	□ 1
△ Complexity (2005 and on)	Hard	□ 1
Low		
Moderate		
☐ High		







About NAEP Questions Tool

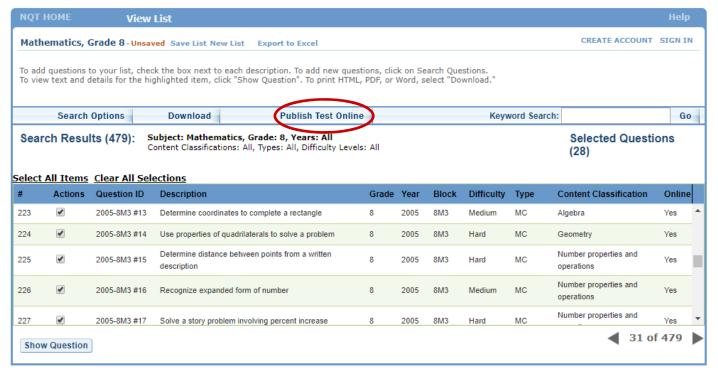
Copyright Policy

Accessible Version

System Requirements

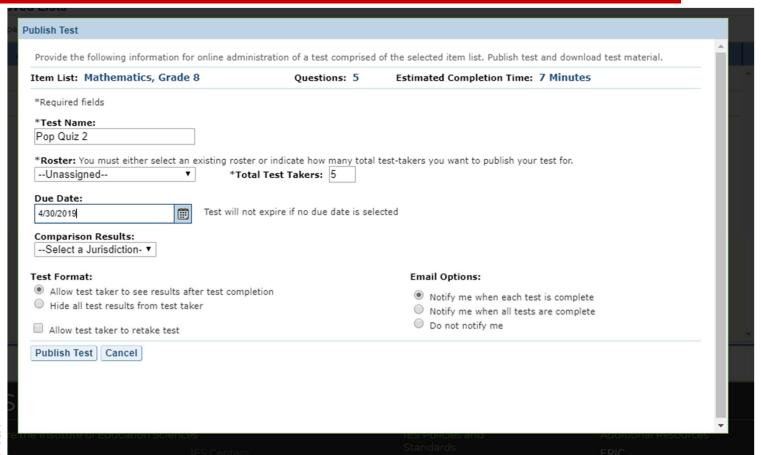
Help

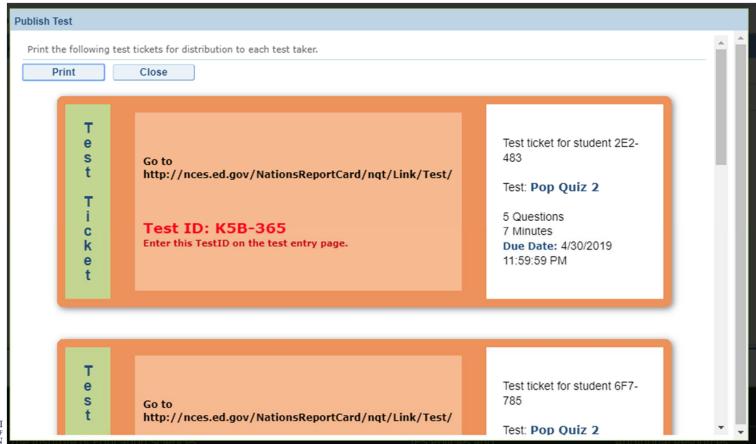




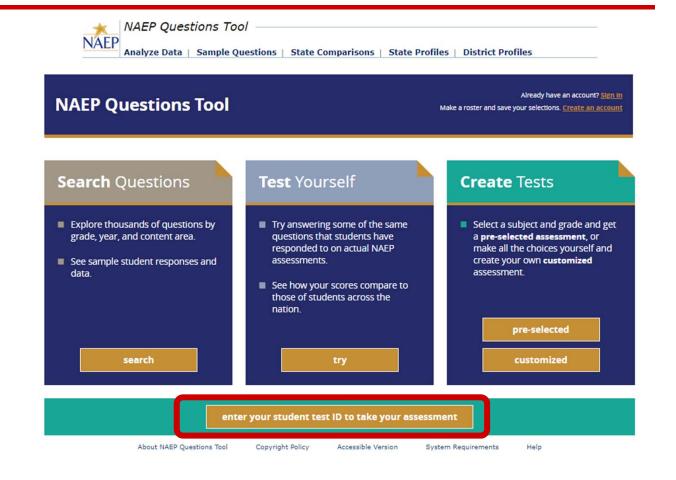


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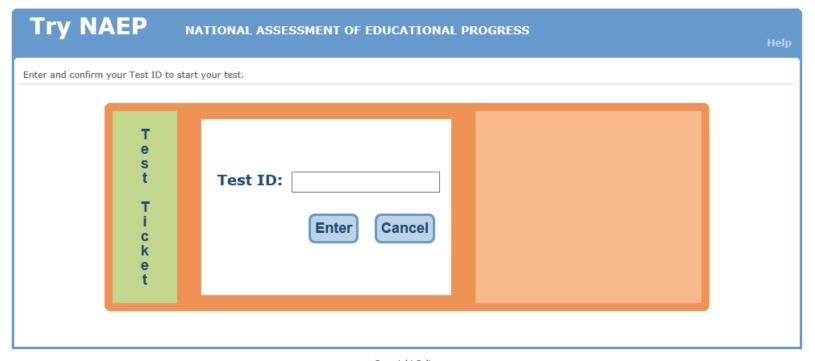




NAEP Questions Tool - Take a Test



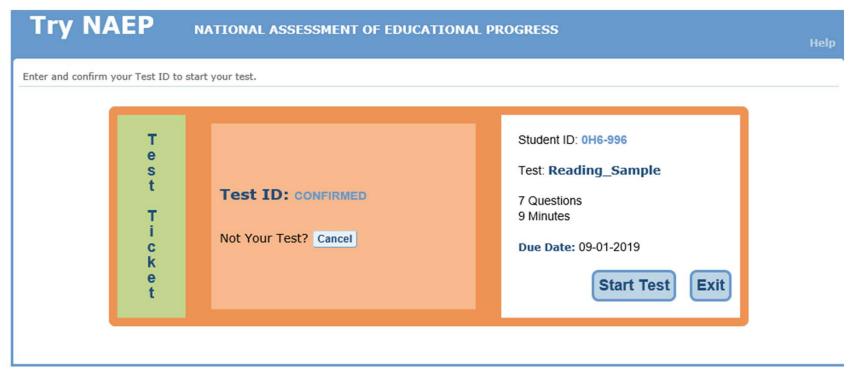
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Copyright Policy



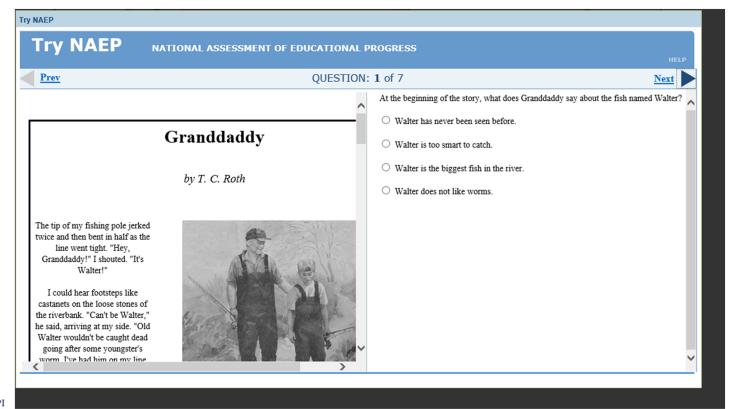
NAEP Questions Tool – Take a Test



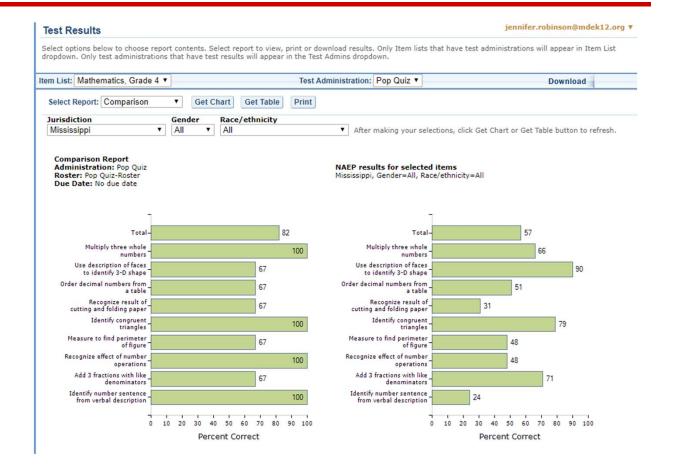
Conveight Dolice



Reading Quiz



NAEP Questions Tool – Test Results





How can this help teachers?

- The MAAP assessments are similar to the NAEP assessments in content, design, and delivery.
 - The NAEP Questions Tool gives teachers access to high quality assessment items.
 - Users can analyze student performance over time on a common assessment.
 - Performance Data and state comparisons allow teachers to see how MS students are doing compared to the nation and other states. What are we doing well and where can we make improvements?



Additional Resources

Resources



The Nation's Report Card Site: Check here to see upcoming, current, and past report findings. http://www.nationsreportcard.gov/



Data Explorer: Analyze NAEP data and create your own tables and graphics. http://nces.ed.gov/nationsreportcard/naepdata/



Questions Tool: Search, sort, and print sample questions. You can also test yourself using actual questions students answered and check out detailed item maps to see what students at each achievement level are likely to know and can do. http://nces.ed.gov/nationsreportcard/itmrlsx/



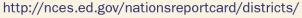
State Comparisons: Compare state performance by various demographic groups. http://nces.ed.gov/nationsreportcard/statecomparisons/



State Profiles: See NAEP performance results and student demographics for each state. http://nces.ed.gov/nationsreportcard/states/



District Profiles: Compare results of urban districts assessed by NAEP with each other and public school students in large cities.





Schedule of Assessments: Get updated on which subjects and grades are being tested and when. NAEP is usually given from January to March in a given year. https://www.nagb.gov/about-naep/assessment-schedule.html



To contact the National Assessment Governing Board, call 202-357-6938 or visit www.nagb.gov.





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