
readistep™

Using Results: Fall 2011

Agenda

- ReadStep Overview
- Using Student Reports and Tools
- Using Aggregate Reports
- Using Summary of Answers and Skills (SOAS) Reports
- Additional Resources

ReadiStep Overview

What is ReadStep?

Middle school
assessment measuring
reading, writing, and math
skills

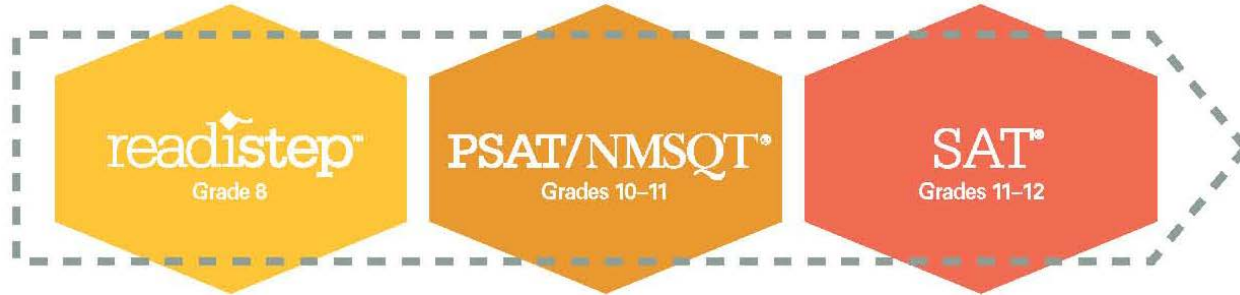
Content based on the
College Board Standards
for College Success™

readistep™

Provides early feedback
on students' academic
progress

Helps students identify
and improve the skills
they need to be ready for
high school and college

The College Readiness Pathway



An integrated series of assessments that provides insight and feedback at critical points from middle school through high school

- Measures a progression of skills
 - Same content areas: reading, writing and mathematics
 - Same skill categories at grade-appropriate levels
 - Aligned to Common Core and individual state standards
- Supports skill improvement
 - Skills Insight™ at each level
 - Reports that help educators understand skill strengths and weaknesses
 - Help educators measure, monitor and direct student progress

The ReadStep Assessment

- Measures reading, writing, and math skills students learn in school
- All multiple choice (no essay or student-produced response questions)
- Four answer options for each question

Section	Timing	# of Items
Critical Reading	40 Minutes	45 Items
Writing Skills	40 Minutes	50 Items
Mathematics	40 Minutes (20 calculator, 20 non-calculator)	36 Items (18 calculator, 18 non-calculator)
Total	120 Minutes	131 Items



Critical Reading

Sentence Completion (30%)

Keisha did not want to _____, so she waited until her teacher and the principal were finished with their private conversation before entering the classroom.

- (A) refrain
- (B) cooperate
- (C) loiter
- (D) intrude

Passage Based (70%)

Jacques-Yves Cousteau (1910-1997) was an ecologist who studied all forms of marine life. His ship was named the Calypso.

Nature can be savage, but also kind. Cousteau witnessed this many times. In *The Living Sea*, Cousteau wrote about a great orca, or killer whale, who thought the Calypso was a threat. The whale tried to lead the vessel away from its family for an entire afternoon. In another incident, a 20-ton sperm whale suddenly crossed Calypso's bow (the front part of the ship) and was injured.

Its companions surrounded it, placed their shoulders under it, and lifted its blowhole out of the water so it wouldn't drown. Listening through sonar equipment, Cousteau heard the whales' cries for assistance. He then saw other whales appear in groups of two and four to accompany the wounded whale and its helpers to safety.

Writing Skills

Improving Sentences (56%)

Most of Costa Rica's coffee is grown in the Central Valley coffee region, where the climate, altitude, and soil type combining to create the optimal conditions for coffee production.

- (A) combining to create
- (B) combining for creating
- (C) combine and creating
- (D) combine to create

Identifying Sentence Errors (33%)

Because we asked for extra time well in advance, Mr.

(A) (B)

Wiley gave Colleen and I three more days to finish our

(C)

science project. No error

(D)

Improving Paragraphs (11%)

(1) I visit the zoo in my city as often as I can. **(2)** I like to learn about the different behaviors and environments of the animals. **(3)** My sister also likes the zoo. **(4)** I especially like to watch the zookeepers feed and care for the animals. **(5)** They work hard to keep the animals healthy and make them comfortable. **(6)** When I am older, I plan to do it. **(7)** I may get to realize my dream sooner than I thought. **(8)** My science teacher told me that the zoo has a special program for students interested in learning more about the zoo. **(9)** Students can apply to be volunteers during the summer. **(10)** They get to help the zookeepers with their daily tasks. **(11)** I want my application to show that I am a dedicated worker, so I have to make sure that I do well in all my classes at school. **(12)** My science teacher said that she will write a letter of recommendation for me. **(13)** She said doing well in science and being a student volunteer are the first steps to becoming a real zookeeper.

Mathematics

Geometry and Measurement (25%)

Number and Operations (35%)

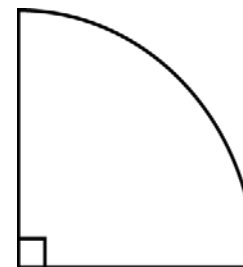
The price of a desktop computer was decreased from \$600 to \$450. The decrease was what percent of the original price?

- (A) 25%
- (B) 30%
- (C) $33\frac{1}{3}\%$
- (D) 45%

Data, Statistics, and Probability (15%)

At a grocery store, 6 people bought a total of 90 items. Which of the following can be calculated from this information?

- (A) The average number of items bought per person
- (B) The median number of items bought per person
- (C) The greatest number of items bought by one person
- (D) The least number of items bought by one person



C

Point C is the center of a circle with radius 8. The figure above shows one-quarter of this circle. What is the perimeter of the figure?

- (A) $8 + 2\pi$
- (B) $8 + 4\pi$
- (C) $16 + 2\pi$
- (D) $16 + 4\pi$

Algebra (25%)

If x is negative, which of the following expressions must be positive?

- (A) $12x + 40$
- (B) $12x - 40$
- (C) $-12x + 40$
- (D) $-12x - 40$

ReadiStep Tools and Reports


Report	Format	Distribution	Delivery Date	
			First Window	Second Window
Student Score Report	Paper report (2 per student)	Shipped to school or district*	11/29/11	12/16/11
MyRoad	Online tool	Access code on Student Report	11/29/11	12/16/11
Skills Insight	Paper booklet and PDF	In Using Results Guide (in score report shipment); PDF online	11/29/11	12/16/11
Classroom Item Analysis	Paper report	Shipped to school or district*	11/29/11	12/16/11
Classroom Summary	Paper report	Shipped to school or district*	11/29/11	12/16/11
School Summary	Paper report	Shipped to school or district*	11/29/11	12/16/11
District Summary	Paper report	Shipped to district	11/29/11	12/16/11
Student Data CD	Excel-ready CSV file on CD	Shipped to district	12/16/11	12/16/11
Summary of Answers and Skills (SOAS)	TBA	Shipped to school and district	Early February	Early February

*Reports shipped to location indicated on the Readistep order.

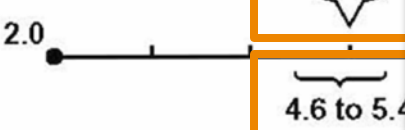
Using Student Reports and Tools

Student Score Report (Front)


Critical Reading



5.0



4.6 to 5.4



You scored higher than 46% of students and higher than 55% of test takers

14	B	A	m	37	C	o	m	14
15	A	✓	e	38	B	✓	m	15
16	C	✓	m	39	B	C	h	16
17	A	✓	e	40	C	A	h	17
18	B	o	m	41	B	✓	h	18
19	B	C	m	42	C	E	m	19
20	B	A	m	43	D	✓	m	20
21	C	✓	m	44	C	o	m	21
22	D	B	h	45	D	B	m	22
23	C	A	m					23

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Go to readistep.com to learn more about how to strengthen your skills.

Question	Correct Answer	Your Answer	Difficulty
(calculator use permitted)			
1	A	✓	e
2	C	B	e
3	A	✓	m
4	B	C	m
5	D	B	h
6	B	D	e
7	A	C	m
8	C	A	h
9	C	D	m
10	A	C	h
11	B	A	h
12	B	C	m
13	D	A	m
14	D	C	m
15	A	C	e
16	B	✓	m
17	D	✓	e
18	A	B	m
(calculator not permitted)			
19	B	✓	m
20	B	A	m
21	A	✓	m
22	D	B	h
23	B	✓	m
24	A	✓	m
25	D	✓	m
26	D	✓	e
27	D	✓	e
28	A	✓	e
29	C	✓	e
30	D	A	m
31	A	B	h
32	C	✓	h
33	B	A	h
34	D	✓	e
35	A	✓	e
36	B	A	e

Key

✓ Correct	e Easy
o Omitted	m Medium
V Void	h Hard

- Score
- Score range
- National and local (district) percentile
- Correct answer
- Student answer
- Difficulty level

Student Score Report (Back)

- Student's MyRoad access code
- More information about improving skills online

Go to
www.myroad.com
and click on "sign up today"
to enter your access code:
ABC123

Now that you've taken ReadStep, you have greater insight into the academic skills you'll need for high school and college. You also have free access to MyRoad™, a college and career planning Web site. MyRoad allows you to:

- Take a short, fun quiz to understand your personality type
- Learn about careers and college majors that fit your personality type
- Explore colleges by location, college major, cost, and much more

Go to readistep.collegeboard.org/student to learn more about results and learn how you can strengthen your academic skills.

MyRoad—New for 2011-12!

- MyRoad is an online college and career planning tool that lets students:
 - Take a short, fun quiz to understand their personality types
 - Learn about careers and college majors that fit their personality types
 - Start exploring colleges by location, major, cost and more
 - Track what they need to do in high school to prepare for college

- Accessing MyRoad (free for all Readistep test takers):
 - Visit www.myroad.com.
 - Sign up using the instructions for test takers.
 - Enter the access code provided on the back of the student score report.

Note: Students age 12 and under can only create MyRoad accounts under the supervision of a parent, guardian or school staff member (see instructions at readistep.collegeboard.org).

Skills Insight

5.0–5.9

Determining the Meaning of Words

Understanding of vocabulary and sentence structure. Student context clues, knowledge of the meaning of words, knowledge of sentence fit together.

Academic Skills

A typical student in this score band can do the following:

- Use context clues and the structure of the sentence when selecting missing vocabulary in a complex sentence

See, for example, items #2 and #7 on the Critical Reading test.

- Select missing vocabulary at the sentence level when a definition is

Suggestions for Improvement

To advance to the next score band, students should focus on the following:

- When reading a text (such as a short story, novel, play or newspaper article) and finding an unknown or unfamiliar word, look at the rest of the sentence. Do the other words or phrases in the sentence give clues about what the unknown word might mean? Think about how the structure of the sentence (the way the parts of the sentence are put together) affects the meaning of the sentence.
- When finding a difficult word when reading, see if that word contains a

- What is Skills Insight?
 - Report detailing the link between scores and skills
 - Description of skills reflected at each score band
 - Sample questions illustrating each skill
 - Suggestions for improvement
- Who uses Skills Insight?
 - Students, parents and educators

Skills Insight Student Action Plan

- What is the Skills Insight Student Action Plan?
 - Step-by-step instructions for using the Skills Insight document
 - Worksheet to help students and parents make a skill improvement plan
- How can students, parents, and educators access the Action Plan?
 - Visit readistep.collegeboard.org/student
 - Download the Action Plan and Skills Insight PDFs
- When will the Action Plan be available?
 - Late November, 2011

Tips for Using Student Tools and Reports

- Distribute student test books with score reports.
 - Allow students to review questions they omitted or answered incorrectly.
Note: Test books can only be reviewed in school (students cannot take them home).
- Review questions in math and ELA classes.
 - Review all questions or focus on commonly missed questions (see Classroom Item Analysis Report)
 - Have students work in groups to develop explanations for correct answers and then present them to the class.
- Schedule a computer lab session to introduce students to MyRoad.
 - If some students are age 12 or under, read the instructions in the Using RediStep Results Guide and collect permission from parents in advance.

Aggregate Reports

Classroom Report Segmentation

- Classroom groups defined by each school on test day.
 - Two levels of segmentation: Group Name and Classroom Code
 - If no segmentation is defined, classroom reports will include all students in the school.
 - See the *ReadiStep Supervisor's Manual* for additional information.
- What is a Group Name?
 - First level of segmentation for classroom reports
 - Often used to have reports segmented by teacher
 - Separate classroom reports provided for each Group Name
- What is a Classroom Code?
 - Second level of segmentation for classroom reports
 - Classroom reports for a given Group Name include a breakout by Classroom Code

Classroom Summary Report

Class Roster			Score Per Section			National Percentile (%)			Local Percentile (%)			Predicted PSAT/NMSQT Range		
Student Name	Grade	ID#	R	W	M	R	W	M	R	W	M	R	W	M
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Lastname, Firstname l.maxnumberofcharacters	00	0000000000	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00

- For each student, the Classroom Summary shows:
 - Score per section
 - National and local (district) percentile
 - Predicted PSAT/NMSQT score range

Classroom Item Analysis Report - Analysis

			Question #	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Student Totals		
E = Easy M = Medium H = Hard			Item Difficulty	H	H	M	E	M	E	H	H	M	M	H	M	H	E	M	H	M	H	M	M			
IS = Improving Sentences IE = Identifying Sentence Errors IP = Improving Paragraphs			Item Description	IE	IE	IE	IE	IE	IE	IE	IE	IE	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP			
Student Name	Grade	ID#																					Correct #	Incorrect #	Omitted #	
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	*	*	*	*	*	*	*	A	*	B	*	A	*	D	O	O	*	*	*	*	B	00	00	00
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	*	B	*	*	*	*	*	*	*	*	*	*	D	O	A	B	*	*	*	*	A	00	00	00
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	B	A	*	00	00	00
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	*	B	A	C	A	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	00	00	00
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	A	O	*	*	*	*	C	C	A	D	D	*	*	*	*	*	*	*	*	*	*	00	00	00
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	*	*	*	*	C	*	C	A	A	*	*	*	*	*	*	*	*	*	D	D	00	00	00	
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	O	B	C	C	*	*	*	*	*	A	A	C	D	*	*	*	D	*	*	*	00	00	00	
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	A	A	A	*	00	00	00	
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	B	B	A	D	D	D	O	*	*	*	*	*	*	*	*	*	*	*	*	*	00	00	00	
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	*	*	*	*	*	B	B	C	A	*	*	*	*	*	*	*	*	*	A	D	00	00	00	
Lastname, Firstname I.maxnumberofcharacters	00	0000000000	*	*	*	*	*	*	*	*	*	A	D	*	*	*	B	*	*	*	*	A	00	00	00	

- The Classroom Item Analysis (Analysis) shows:
 - Details about each question
 - Performance on each question
 - Number correct, incorrect, and omitted

Classroom Item Analysis Report – Item Statistics

Question #	Item Description	Item Difficulty	Number Correct	Number Incorrect	Number Omitted	Question #	Item Description	Item Difficulty	Number Correct	Number Incorrect	Number Omitted
1	Improving Sentences	E	00	00	00	26	Identifying Errors	E	00	00	00
2	Improving Sentences	M	00	00	00	27	Identifying Errors	M	00	00	00
3	Improving Sentences	E	00	00	00	28	Identifying Errors	E	00	00	00
4	Improving Sentences	M	00	00	00	29	Identifying Errors	M	00	00	00
5	Improving Sentences	E	00	00	00	30	Identifying Errors	E	00	00	00
6	Improving Sentences	M	00	00	00	31	Identifying Errors	M	00	00	00
7	Improving Sentences	E	00	00	00	32	Identifying Errors	E	00	00	00
8	Improving Sentences	M	00	00	00	33	Identifying Errors	M	00	00	00
9	Improving Sentences	E	00	00	00	34	Identifying Errors	E	00	00	00
10	Improving Sentences	M	00	00	00	35	Identifying Errors	M	00	00	00
11	Improving Sentences	E	00	00	00	36	Identifying Errors	E	00	00	00
12	Improving Sentences	M	00	00	00	37	Identifying Errors	M	00	00	00
13	Improving Sentences	E	00	00	00	38	Identifying Errors	E	00	00	00
14	Improving Sentences	M	00	00	00	39	Identifying Errors	M	00	00	00
15	Improving Sentences	E	00	00	00	40	Improving Paragraphs	E	00	00	00
16	Improving Sentences	M	00	00	00	41	Improving Paragraphs	M	00	00	00
17	Improving Sentences	E	00	00	00	42	Improving Paragraphs	E	00	00	00
18	Improving Sentences	M	00	00	00	43	Improving Paragraphs	M	00	00	00

- For each question, the Classroom Item Analysis (Item Statistics) shows:
 - Question type
 - Level of difficult
 - Number correct, incorrect, and omitted

School Summary Report

Group Name	Class Code	Number Tested	Mean Scores per Section			Median Scores per Section			National Percentile (%)			Local Percentile (%)			Predicted PSAT/NMSQT Range		
			R	W	M	R	W	M	R	W	M	R	W	M	R	W	M
Group Name max charactersxxxxx	1234	0000	00	00	00	00	00	00	00	00	000	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	000	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00
Group Name	1234	0000	00	00	00	00	00	00	00	00	00	00	00	00	00-00	00-00	00-00

- For each Group Name and Class Code combination, the School Summary Report shows:
 - Number tested per Group Name and Classroom Code
 - Mean and median scores
 - National and local (district) percentiles
 - Predicted PSAT/NMSQT score ranges

Student Data CD

- What is the Student Data CD?
 - Excel-ready .csv file provided on CD
 - Includes specific details about performance of each student in the district
 - Includes fields provided through bulk registration/pre-ID process
- How can districts use the Student Data CD?
 - Add RediStep data to existing databases of student information.
 - Sort and filter data to conduct analyses for different sub-groups of students.
 - Add columns for teacher name and provide each teacher with data for his or her students.

New for 2011-12!

Summary of Answers and Skills (SOAS) Reports

Summary of Answers and Skills (SOAS)



Fall 2011 SOAS

Summary of Answers and Skills Report

Juniors, Class of 2012

CHANTILLY HIGH SCHOOL (470402)

ReadiStep results for your students are enclosed. Use this information to adjust curricula and instructional practice to improve student learning.

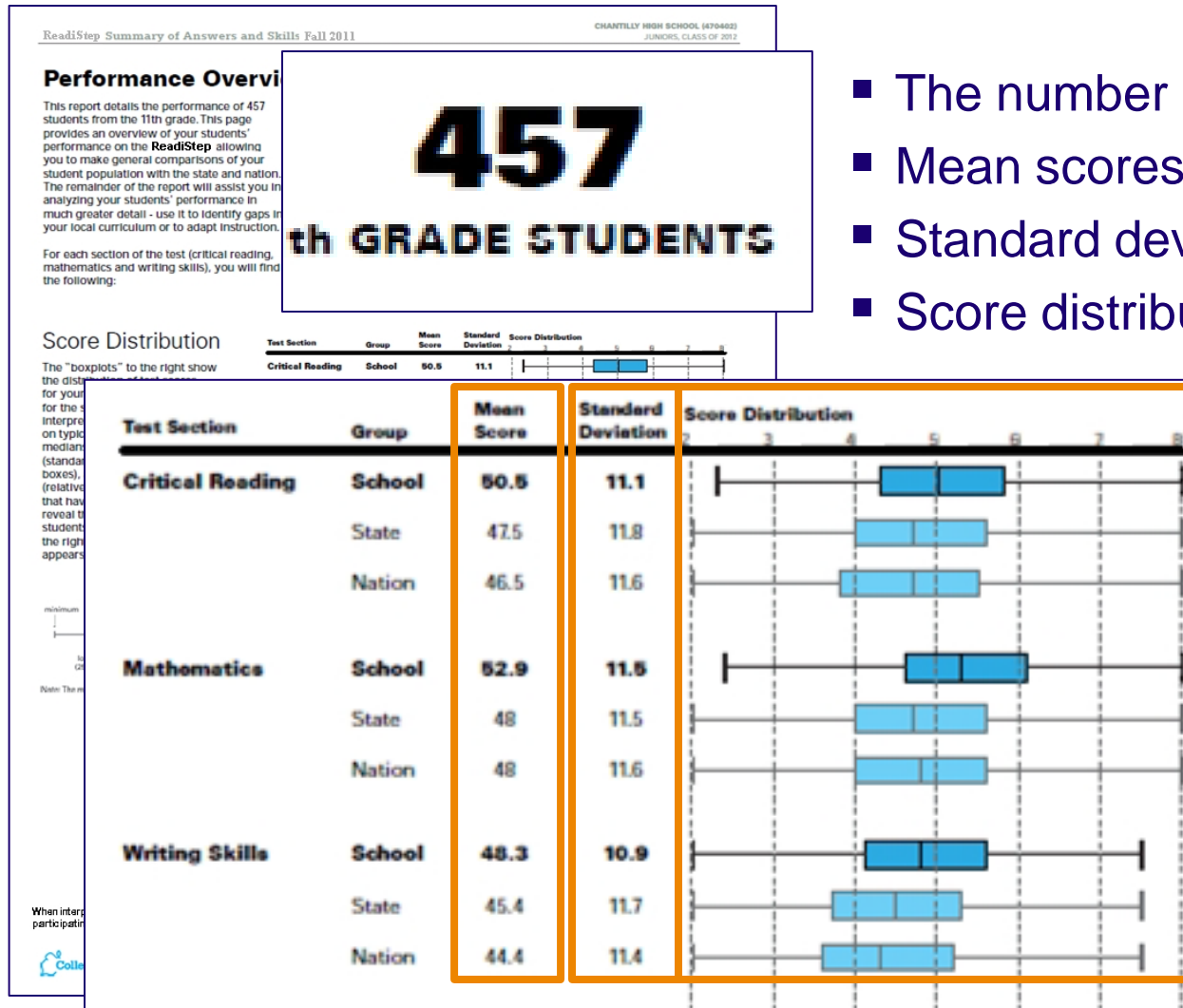
Find more information about interpreting ReadiStep results online at:

readistep.collegeboard.org



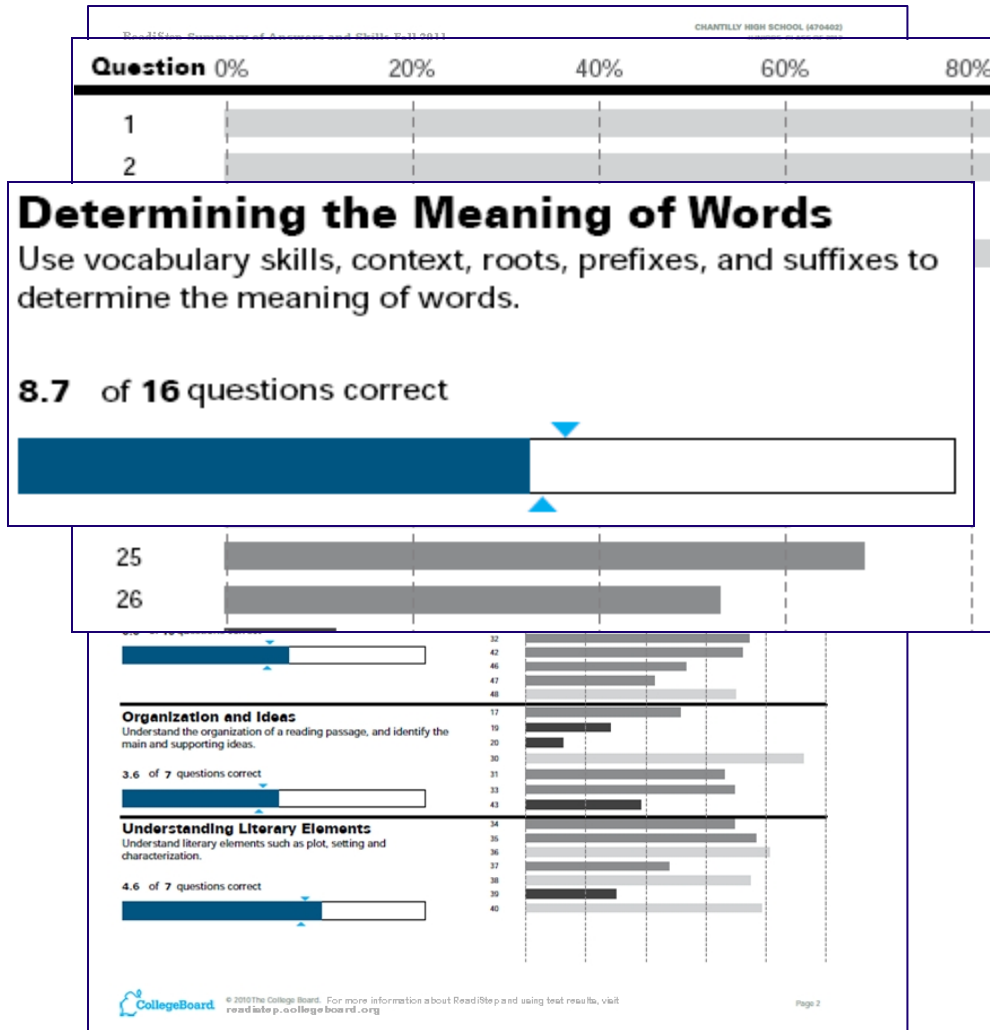
- Aggregate skill- and question-level feedback
- Comparisons to the nation, state, and a comparable group
- Same format as PSAT/NMSQT SOAS reports
- Provided to each school and district testing at 25 or more students in a grade

SOAS: Performance Overview



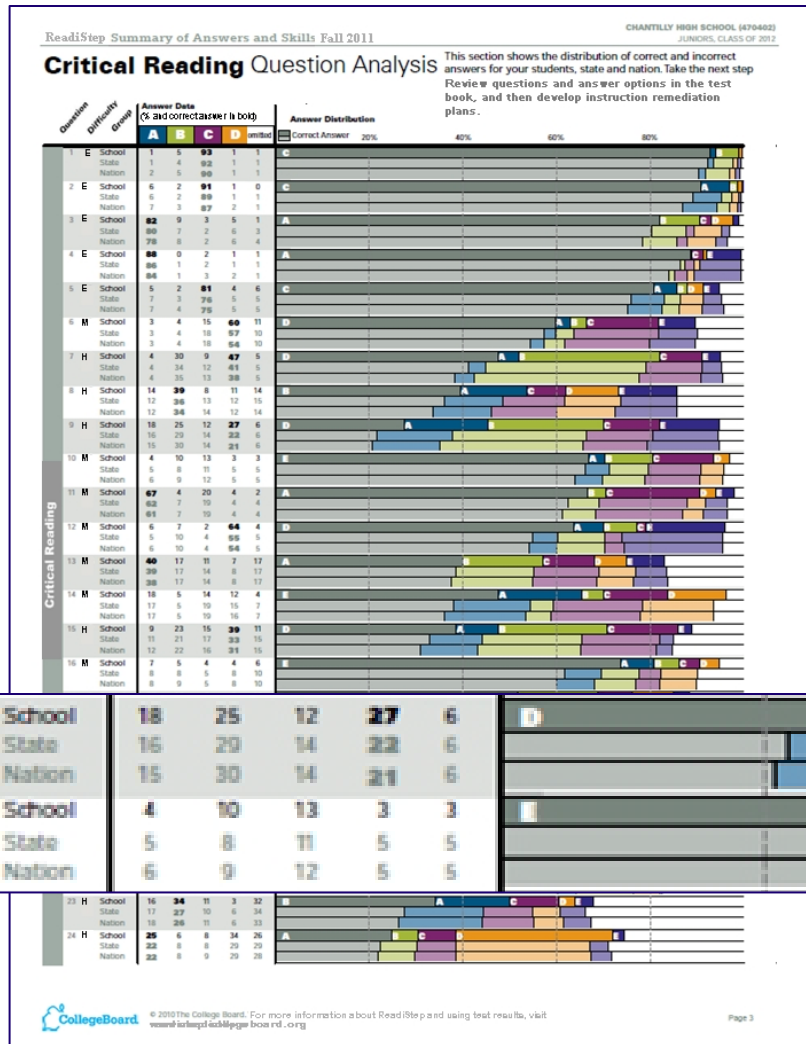
- The number of students tested
- Mean scores
- Standard deviation
- Score distribution

SOAS: Skills Analysis



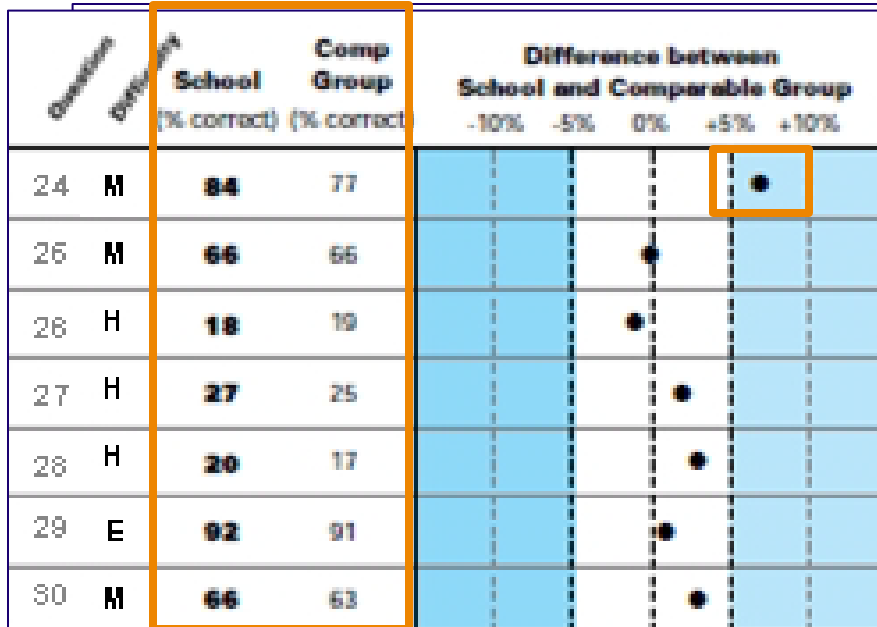
- Provided for each test section (Critical Reading, Writing Skills, and Mathematics)
- Lists skill and average number of questions correct for that skill
- Lists all questions measuring that skill and percentage of students answering correctly

SOAS: Question Analysis

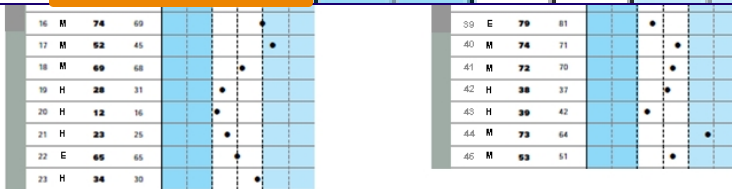


- Provided for each test section
- A visual display of student responses and answer patterns
- Shows percent selecting each answer option
- Shows same information for state and nation

SOAS: Comparable Group Analysis



- Provided for each test section
- Compares your students' performance on each question to students in a comparable group
- Visual representation helps identify outliers, questions that your students performed better or worse than expected

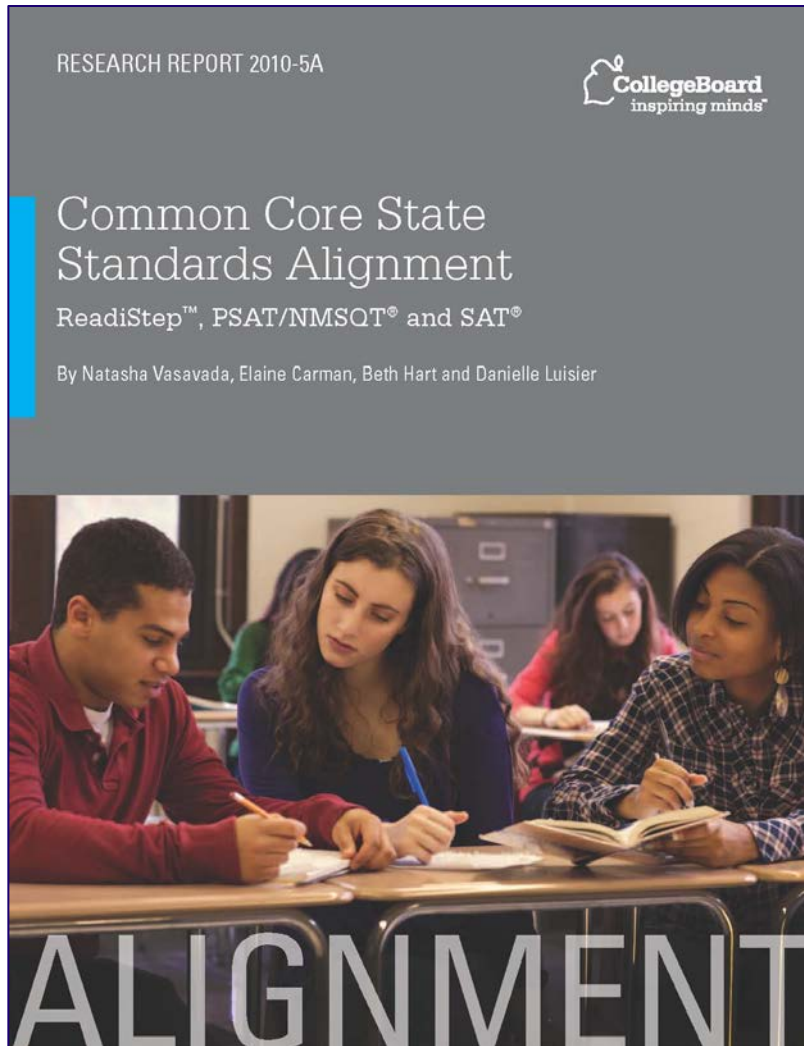


Your students performed significantly worse on questions that fall in the dark blue column, and significantly better on questions that fall in the light blue column.

What Is a Comparable Group?

- A useful statistical model.
- A statistically created group (virtual group).
- Mirrors your group's performance profile.
- This creates an expected performance indicator for your group on each question.
- Provides more “actionable” feedback than state or national averages on questions/skills.

SOAS: Alignment to Common Core



- ReadiStep, PSAT/NMSQT, and SAT are all aligned to Common Core State Standards
- A detailed alignment report shows how the skills measured by each College Readiness Pathway assessment map to Common Core State Standards
- Alignment report available at readistep.collegeboard.org
- Individual state standard alignments available for some states

Tips for Using SOAS Reports

- Review SOAS reports with a copy of the test book in hand.
 - After reviewing individual results with students, collect test books and save them for staff to use when reviewing SOAS reports.
 - Distribute test books to teachers when reviewing the SOAS reports.
- Note:** After test books have been used for review by students and staff, they must be destroyed.
- Reference the Common Core State Standards Alignment
 - Gain an understanding of how students are performing on skills measured by Common Core standards.
 - Review RediStep and PSAT/NMSQT SOAS reports together
 - See suggested activities and discussion topics in the SOAS Tutorial available online.

Additional Resources

- Visit the RediStep website: readistep.collegeboard.org
- Downloads available:
 - Using RediStep Results and Skills Insight™ guide
 - Skills Insight Student Action Plan
 - Parent handouts in English and Spanish
 - Sample score reports
 - Student Data CD file layout
 - Summary of Answers and Skills (SOAS) Tutorial
 - Common Core State Standards Alignment Report