



PSAT 8/9 - Informing Middle Level Instruction
and High School Course Selection
MASSP EdCon June 23, 2015



What is the purpose of our presentation today?

- + Provide information and resources related to the SAT Suite of Assessments.
- + Describe the structure and content of PSAT 8/9.
- + Generate ideas for using PSAT 8/9 assessment data to inform instruction.

Poll Everywhere

- + Excellent tool for staff meetings and classrooms
- + Text MIPSAT89 to 22333 to join the session



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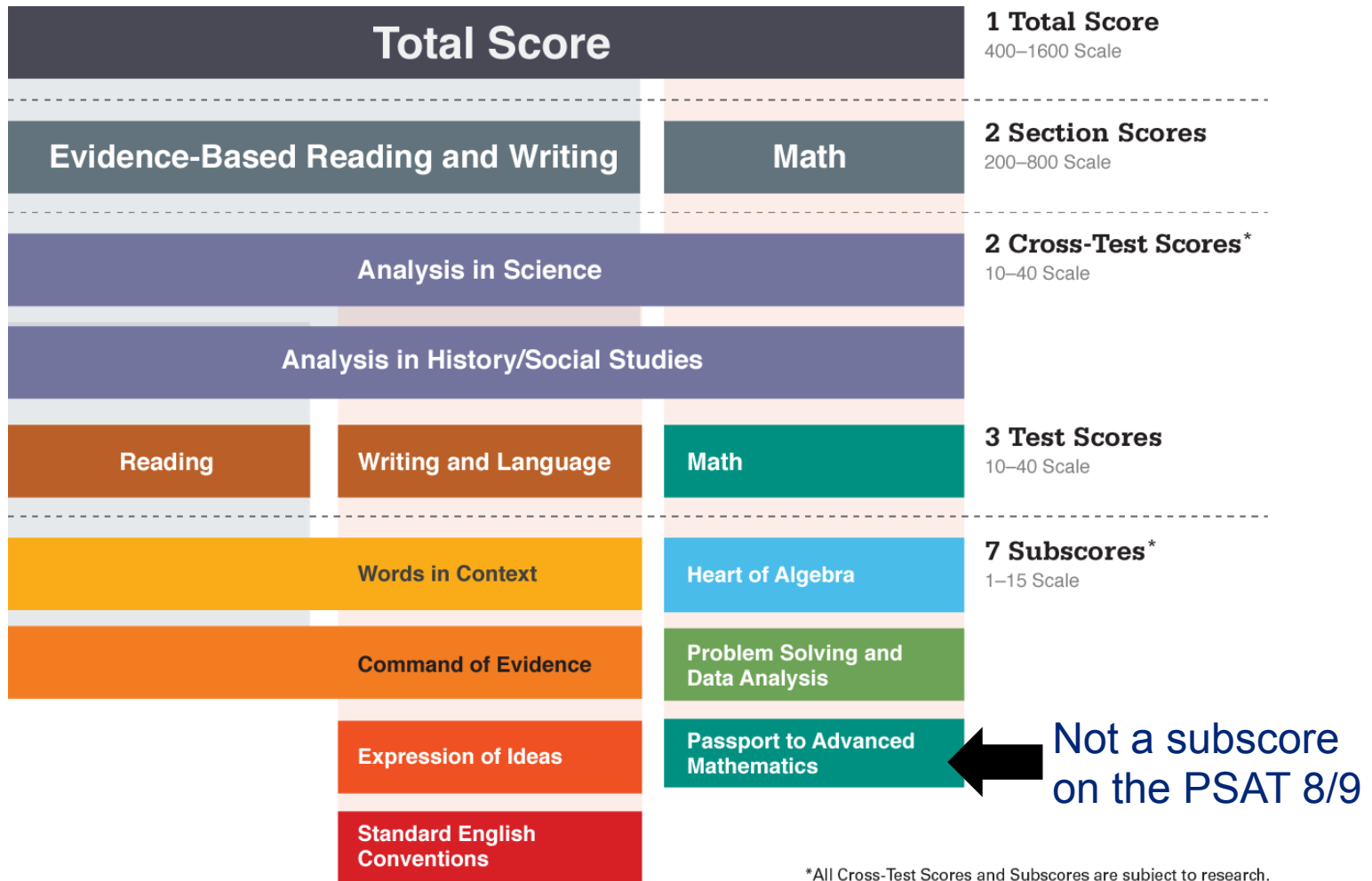
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SAT Suite of Assessments

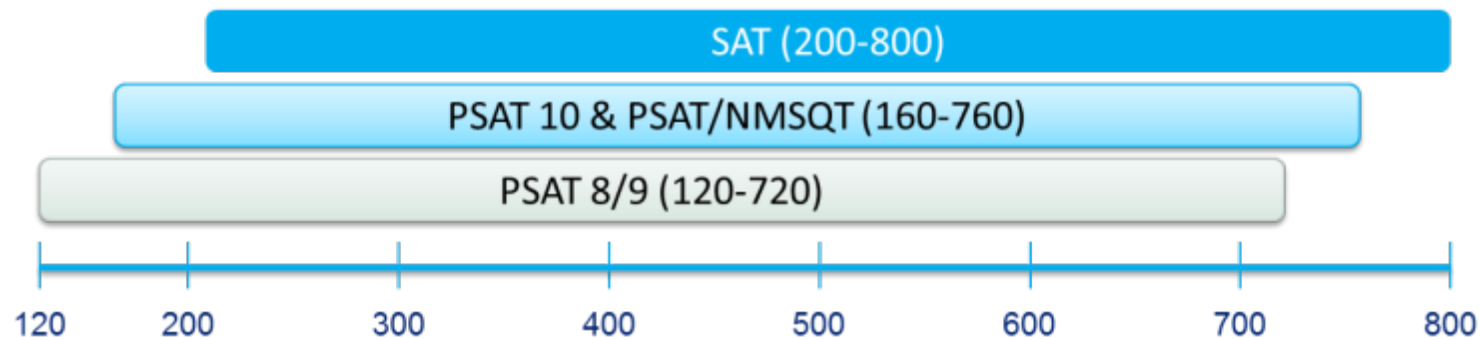
Grade 8	Fall	PSAT 8/9
	Spring	PSAT 8/9
Grade 9	Fall	PSAT 8/9
	Spring	PSAT 8/9
Grade 10	Fall	PSAT/NMSQT
	Spring	PSAT 10
Grade 11	Fall	PSAT/NMSQT
	Spring	SAT/SAT School Day

Score Reporting on the SAT Suite of Assessments

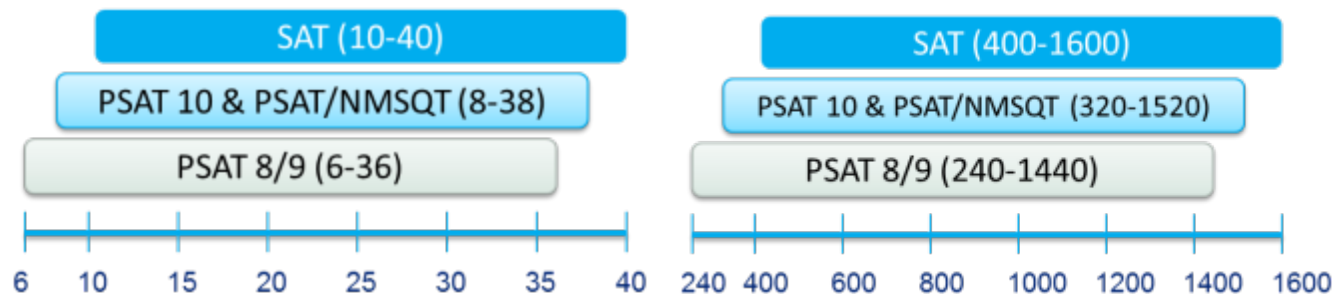


Scores and Score Ranges Across the SAT Suite of Assessments

- + Section Scores will be placed on a vertical scale.



- + This same concept will hold true for the **Test and Cross-Test Scores** as well as **Total Score**.



Grade-Appropriate Reading

PSAT 8/9	PSAT 10 & PSAT/NMSQT	SAT
Draw fairly simple, one-step conclusions spelled out clearly in the text	Draw a more subtle inference to reach the right conclusion from a text	Perform several steps to draw the right conclusion from a text
Identify relationships based on multiple, fairly straightforward pieces of info stated in the text	Infer somewhat more complicated relationships based on more subtle pieces of info stated in the text	Infer more complex relationships from the text by piecing facts or incidents together
Determine explicit meaning from the graphic or text	Recognize trends in graphical data	Synthesize information from a graphic and passage

Grade-Appropriate Writing and Language

PSAT 8/9	PSAT 10 & PSAT/NMSQT	SAT
Use punctuation effectively in simple contexts, such as using commas to separate items in a list	Use punctuation effectively in somewhat challenging contexts, such as using a colon to introduce a list	Use punctuation effectively in challenging contexts, such as using a semicolon to link independent clauses
Edit straightforward sentences that pose some challenge, such as sentences with an introductory phrase	Edit compound and complex sentences, including sentences with introductory phrases and clauses	Edit syntactically challenging sentences, such as lengthy sentences that include several clauses
Accurately incorporate basic information from graphics into a text	Accurately incorporate somewhat detailed or nuanced information from graphics into a text	Incorporate accurate, specific, and complex information from graphics into a text

Grade-Appropriate Math

PSAT 8/9	PSAT 10 & PSAT/NMSQT	SAT
Many items requiring one or two steps to solve	Many items requiring 2 or more steps to solve	Emphasis on multi-step problems
May require the use of common geometric equations	May require the use of common geometric equations and spatial reasoning	Requires the use of geometry concepts and reasoning
Includes ratios, proportions, percents, introductory probability and statistics	Requires comparing linear and exponential growth	Includes statistics topics such as sampling and inferring correlation and causation from a research method
May require the use of properties of right triangles to solve problems	Requires the use of trigonometric relationships	Requires the use of trigonometry

PSAT 8/9 Test Content

What Do Students Need to Know for Success After High School?



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What Do Students Need to Know for Success After High School?

- + The College Board has identified a critical set of knowledge, skills, and understandings that predict student success in college and workforce training programs:
 - Comprehend challenging literary and informational texts
 - Revise and edit extended texts
 - Show command of math, especially algebra and data analysis
 - Use evidence in reading and writing
 - Analyze data
 - Use and understand words in context

What Does the PSAT 8/9 Look Like?

- + Evidence-Based Reading and Writing Section
 - Reading Test
 - Writing and Language Test
- + Math Section
 - Math Test

Key Content Features of the PSAT 8/9

1. Words in Context
2. Command of Evidence
3. Math That Matters Most
4. Problems Grounded in Real-World Contexts
5. Analysis in Science and Analysis in History/Social Studies
6. The Great Global Conversation and U.S. Founding Documents
7. No Penalty for Wrong Answers

Reading Test Features

- + Single and paired passages
- + Cross disciplinary contexts:
 - US and world literature
 - History/social studies (Founding documents/great global conversations)
 - Science
- + Informational graphics
- + Range of text complexity: grade 6 to grade 10

Reading Test Sample Question – Passage (abbreviated)

She insisted on this part, and my father later backed her up: the magic was not just that the drum of a solid wood object without batteries rotated but that it did so only when unobserved, stopping whenever observed. If, while pulling, I turned to look, my parents somberly **maintained**, the drum magically ceased its rotation. How was this? I never, even for a moment, doubted what they'd told me. This is why it is that adults and even parents can, unwittingly, be cruel: they cannot imagine doubt's complete absence. They have forgotten.

As used in line 21, “maintained” most nearly means

- A. managed.
- B. fixed.
- C. insisted.
- D. preserved.



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Reading Test Sample Question Answer Explanation

Difficulty: Hard

Content: Information and Ideas / Interpreting words and phrases in context

Focus: Students must determine the meaning of a word in context.

Choice C is the best answer because it is clear from context that the narrator's parents insisted that the toy mixer's drum would stop rotating if the narrator looked at it. The narrator's point is that his parents repeatedly claimed that the drum would only rotate when the narrator was not looking.

Writing and Language Test Features

- + Passage based
- + Cross-disciplinary contexts:
 - Humanities
 - History/social studies
 - Science
 - Careers
- + Informational graphics
- + Multiple text types: argument, informative, nonfiction narrative

Writing and Language Test Sample Question

Although job searching sites can be very helpful, they should be used wisely and in moderation. It's important to be selective and focused while searching. One mistake many inexperienced, and even experienced, job seekers sometimes make is to apply to jobs that are outside of their areas of expertise. This mistake **[2]resulted** in unanswered job applications and wasted time for both job seekers and employers. Perhaps for this reason, job coaches support their clients to use job searching websites sparingly. (*abbreviated passage*)

2.

- A. NO CHANGE
- B. was resulting
- C. had resulted
- D. can result



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Writing and Language Test Sample Question Explanation

Difficulty: Medium

Content: Sentence Structure / Inappropriate shifts in construction / Verb tense, mood, and voice

Focus: Students must recognize and correct inappropriate shifts in verb tense, voice, and mood within and between sentences.

Answer Explanation

Choice D is the best answer because its use of the modal verb “can” to indicate possibility is consistent with the preceding sentence’s statement that applying for jobs outside their areas of expertise is a mistake that job seekers “sometimes make.”

Math Test Features

- ✓ **Content that matters most** for college and career readiness
 - Assesses fluency, understanding, and application of mathematical concepts
 - Algebra and linear equations
 - Problem solving and data analysis
 - Advanced mathematical concepts (not a subscore on PSAT 8/9)
- + **Key elements:**
 - Questions addressing real-world problems drawn from science, social studies, and careers.
 - Includes both calculator and no-calculator portions
 - Includes both multiple choice questions and student-produced response questions.

Math Test Sample Question (Calculator Portion)

The table below shows how many students in each grade are enrolled in Wilson Middle School's music class and how many are not.

Wilson Middle School
Music Class Enrollment

	Enrolled in music class	Not enrolled in music class
6th graders	18	12
7th graders	21	11
8th graders	25	8

What is the probability that a Wilson Middle School student chosen at random is enrolled in music class?

- A. $\frac{18}{64}$
- B. $\frac{31}{64}$
- C. $\frac{31}{95}$
- D. $\frac{64}{95}$



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Math Test Sample Question - Solution (Calculator portion)

Choice D is correct. There are 64 students enrolled in music class ($18 + 21 + 25$) and 31 students not enrolled in music class ($12 + 11 + 8$), which means that there are 95 students at Wilson Middle School. The probability of randomly selecting a Wilson Middle School student who is enrolled in music class is the number of students enrolled in music class divided by the total number of students at the school, or $\frac{64}{95}$

How Do The Tests Impact Instruction in Science, Social Studies, and Career-Related Courses?

- + **Cross-test scores** will include a score for Analysis in Science and Analysis in History/Social Studies
 - Texts may have foundations in content area courses.
 - At least one text used on the Reading Test for analysis will be a U.S. Founding Document or from the great global conversation.
 - Tables, graphs, and data may relate to topics in content areas.
 - Math problems may have science or social science contexts.

Practice with Khan Academy

- ✓ Free, world class test practice to prepare students for the SAT
- ✓ Four full-length SAT practice tests and thousands of practice questions
- ✓ Link PSAT 8/9 test results:
 - ✓ Receive Individually targeted practice to address student's greatest areas of need
 - ✓ Develop college and career readiness skills in preparation for PSAT/NMSQT and SAT
- ✓ www.khanacademy.org/sat



Standard Reporting

Standard Reports	Report Content
Score Report (by school/district and by demographic groups)	Lists overall district/school mean, test-taker count, percent of students in score band
Benchmarks Report (by school/district and by demographic groups)	Lists overall district/school benchmark performance
Question Analysis Report	Compares your students' performance on a given question to the performance of all students in the state or nation.
Instructional Planning Report	Compares the Subscore performance among groups you create Mapped to your state standards

Online Reporting Portal

- + Generates rich score reports that connect student results to classroom work.
- + Provides benchmarks and consistent feedback to help teachers encourage and accelerate students.
- + Accesses a wide array of standard reports.
- + Generates score reports based on student demographics:
 - Compare means and trends among demographic groups
 - Compare the performance of students in the district and at the state level.
- + Drills down to the student level

AP Potential™

- + AP Potential helps schools broaden access to AP and ensure that no student is overlooked. Schools can use it to:
 - Identify students likely to succeed on AP Exams.
 - Determine which AP courses to offer.
- + Schools can generate a roster of students likely to score a 3 or higher on a given AP Exam by selecting specific criteria, such as grade level and AP subject area.
- + Scores from the PSAT 8/9 are used to identify ninth-graders with potential to succeed in:
 - AP World History
 - AP European History

Question Analysis Report Features

- + Percent of students who chose the correct answer
 - Compares school, district, state, and nation
- + Question difficulty level
- + Related Cross-test scores and Subscores
- + Drill down to class and individual student performance

Instructional Planning Report

- + Reports Subscore performance
- + Provides percent of students in each performance group
- + Offers ability to drill down to students in each performance group
- + Mapped to state standards

PSAT 8/9 Test Administration Details

- + Middle School AI Code Request Form –
 - Complete and send directly to ETS.
 - Allow two weeks for processing and for an official AI code to be sent to the school.
 - Contact michiganpsat@collegeboard.org for more information.
- + Students will take the PSAT 8/9 at school in a testing window in one of two seasons:
 - Fall testing: Sept. 28, 2015, to Jan. 29, 2016
 - Spring testing: Feb. 22 to March 4, 2016
- + Test Accommodations
 - Accommodations are locally determined.
 - Test Coordinators must order nonstandard formats before the ordering deadline.

Redesigned SAT Teacher Implementation Guide and Professional Development Modules for Educators

collegereadiness.collegeboard.org/educators/k-12

Questions or comments about the PSAT 8/9?

www.CollegeBoard.org/michigan

Email: michiganpsat@collegeboard.org