



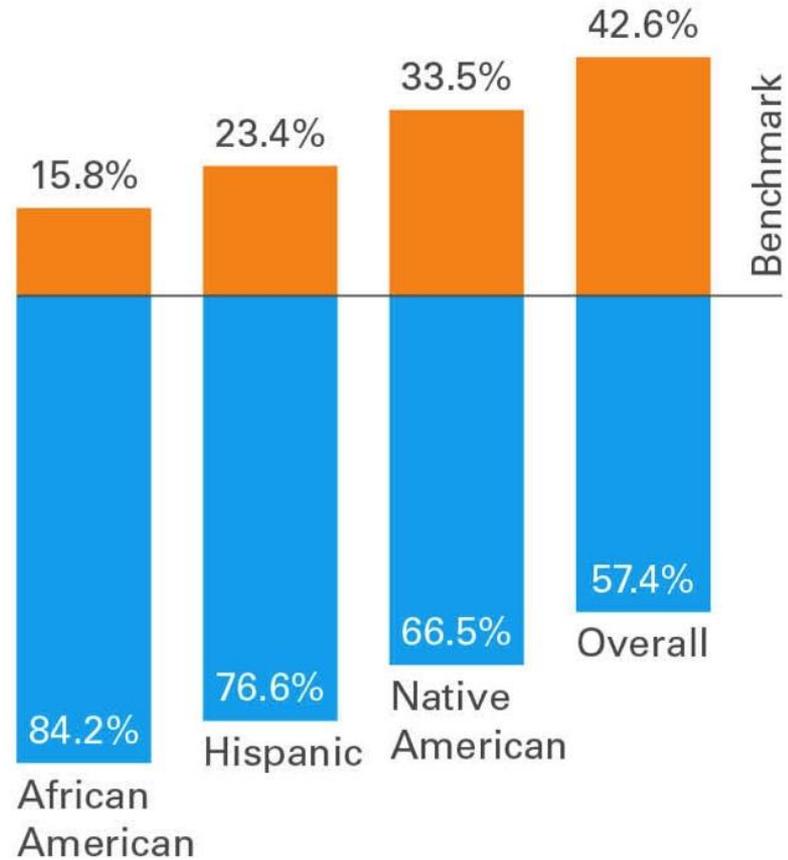
Readiness & Success

AR Governor's Council on Common Core Review

May 13, 2015

42.6%

SAT test takers in the class of 2014 who met the SAT College & Career Readiness Benchmark



Missed Opportunities



1.67 million

SAT takers graduated in 2014

9%

of all SAT takers were within one year's growth of being on target for college and career readiness

609,074

took the PSAT/NMSQT in the fall of their junior year and the SAT in the fall of their senior year

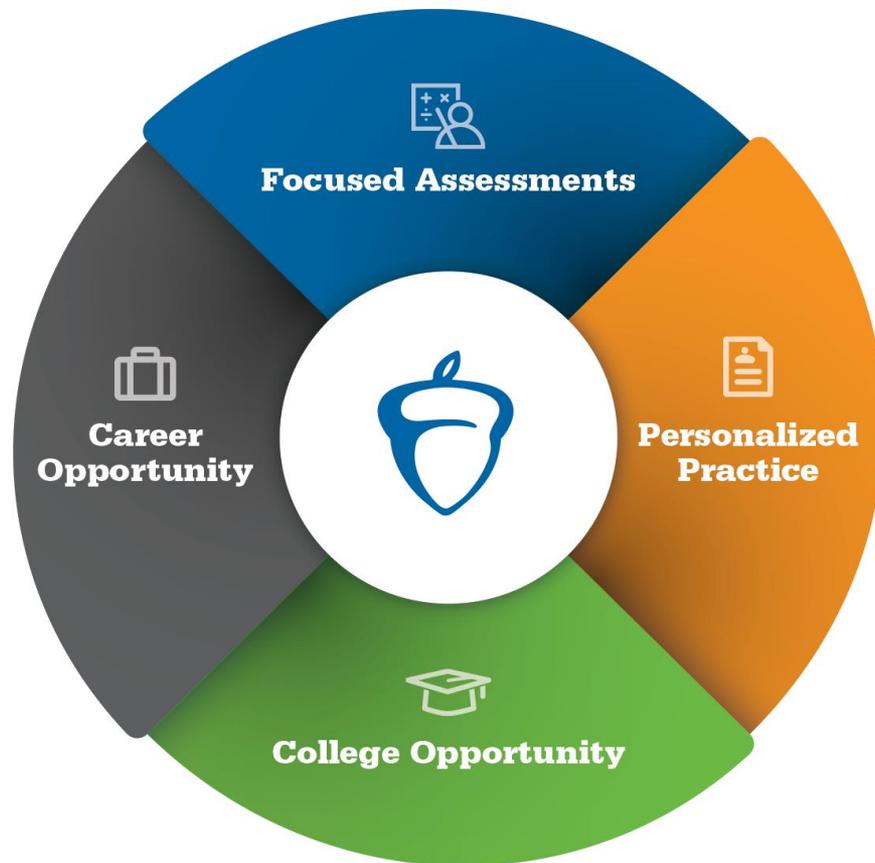


5%

were on target for college and career readiness in 11th grade, but fell off target by the fall of their senior year of high school

The College Board Readiness & Success System

Beyond tests. More opportunities.



- + **Easier** for students to navigate a path through high school, college and career
- + Extraordinary, **exclusive** partnerships that deliver **unprecedented** benefits to students, educators, and states/districts



Focused Assessments

Enabling students to concentrate on what matters most in classroom work.

- + The few things that matter most
- + The work students are already doing in class
- + Clear and open
- + Useful benchmarks and consistent feedback

8 Key Changes to the SAT



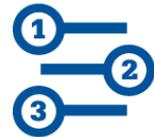
Relevant words
in context



Command of
evidence



Essay analyzing a
source



Math focused on
three key areas



Problems grounded in
real-world contexts



Analysis in science
and social studies



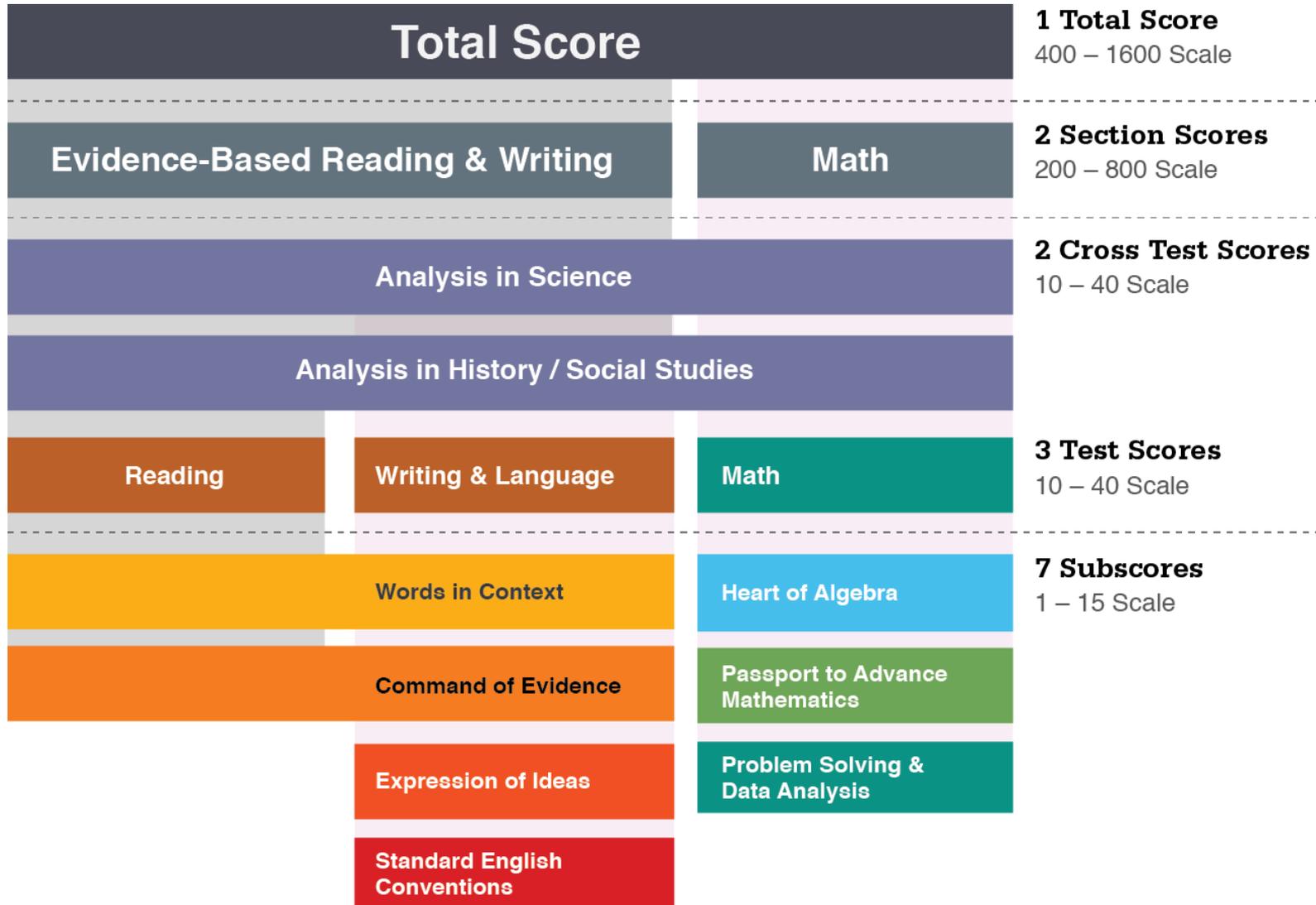
Founding documents
and great global
conversation



No penalty for
wrong answers



Focused Assessments



**All subscores are tentative and subject to research.*



Focused Assessments



**Readiness
Baseline**

**Check-in and
Focus**

**Connect to
College**

- + A supplement to great classroom instruction
- + Removing barriers to high-quality practice
- + Personalized practice plans
- + Collaborating with teachers and the community



Personalized Practice

Strengthening
student
achievement
with free,
focused support.



Personalized
Practice

 CollegeBoard

+

 KHANACADEMY

+

YOU

PROVIDING WORLD-CLASS
FREE SAT® PREPARATION
TOGETHER.

- + Additional funds for student scholarships
- + AP Potential: Inviting students to take advantage of the opportunities they've earned
- + Exam and college admission fee waivers
- + SAT School Day



College Opportunity

Removing barriers to applying
and paying for college.

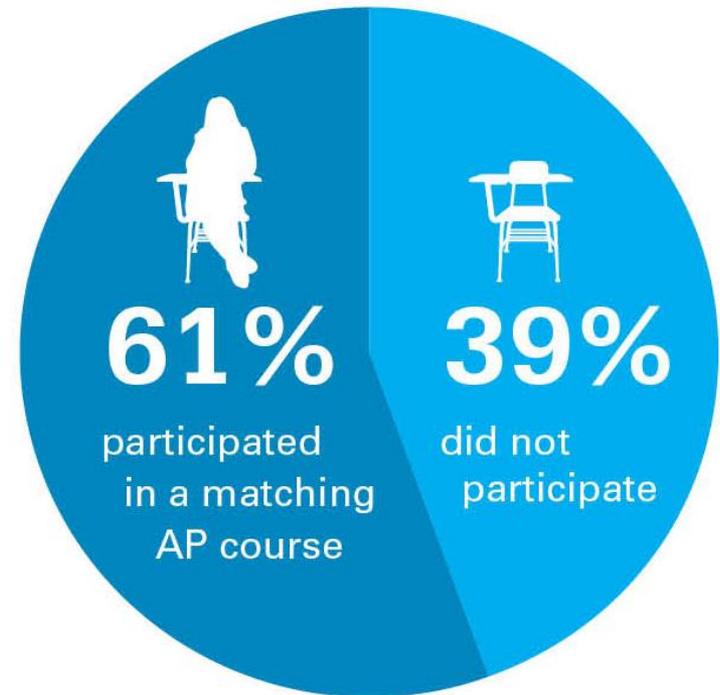


Access Through Partnerships



AP Potential

PSAT/NMSQT results are the best predictor of a student's potential to succeed in certain AP courses. From these results, **educators can identify students with a high likelihood of succeeding in particular AP subjects.**



This figure reflects participation among public high school students in the class of 2014.



Career Opportunity

Opening futures by
providing the skills
and planning tools
students need.

- + Planning tools that engage students in thinking about their future
- + Delivering skills that matter for jobs of the future



Career
Opportunity



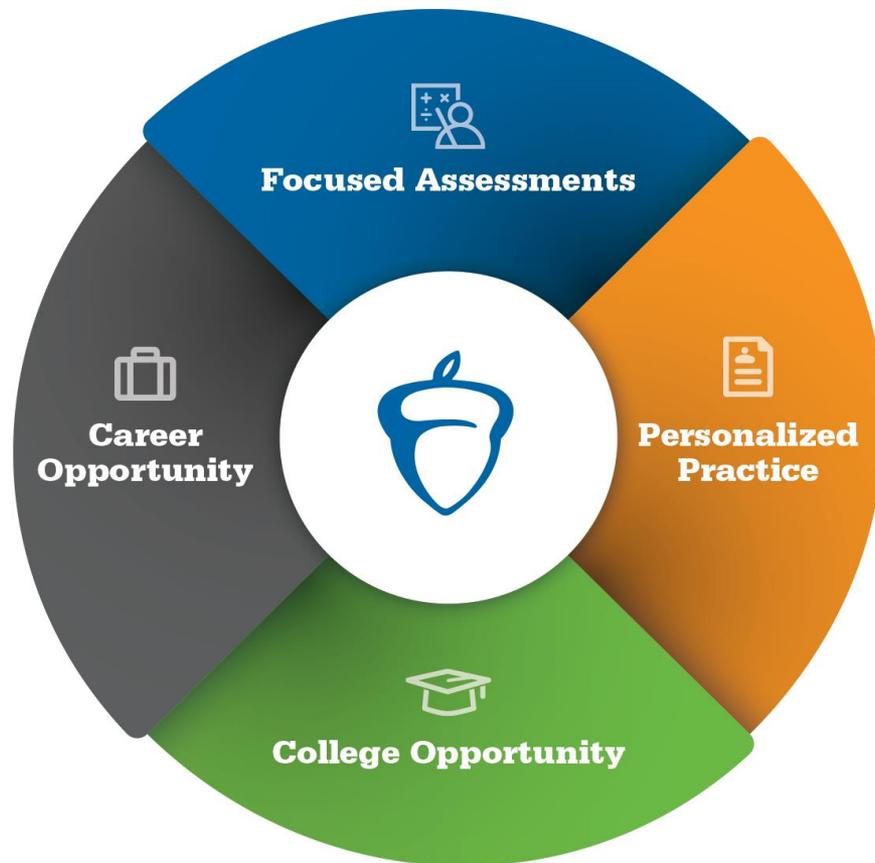
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Q&A

SAT Suite of Assessments: Additional Detail

SAT, PSAT/NMSQT, PSAT 10, and PSAT 8/9

Grade Level Appropriate Reading

PSAT 8/9	PSAT 10	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 Level Appropriate Writing & Language

PSAT 8/9	PSAT 10	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 Level Appropriate Math

PSAT 8/9	PSAT 10	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

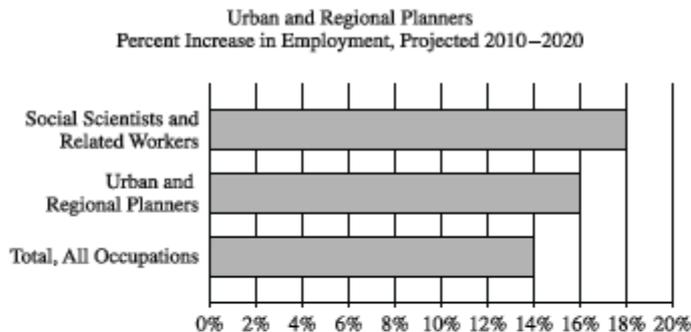
Current SAT Example: Improving Sentences

The library is older than it but still just as beautiful as the courthouse.

- (A) older than it but still just as beautiful as the courthouse
- (B) older and it is just as beautiful as the courthouse
- (C) older than the courthouse; it is just as beautiful as it
- (D) older than the courthouse but just as beautiful
- (E) just as beautiful as the courthouse and it is older than it

Redesigned SAT Sample Item: Command of Evidence (Writing & Language Test)

[. . .] Transportation planners perform critical work within the broader field of urban and regional planning. As of 2010, there were approximately 40,300 urban and regional planners employed in the United States. The United States Bureau of Labor Statistics forecasts steady job growth in this field, projecting that 16 percent of new jobs in all occupations will be related to urban and regional planning. Population growth and concerns about environmental sustainability are expected to spur the need for transportation planning professionals.



Adapted from United States Bureau of Labor Statistics, Employment Projections Program. "All occupations" includes all occupations in the United States economy.

Which choice completes the sentence with accurate data based on the above graph?

- A) NO CHANGE
- B) warning, however, that job growth in urban and regional planning will slow to 14 percent by 2020.
- C) predicting that employment of urban and regional planners will increase 16 percent between 2010 and 2020.
- D) indicating that 14 to 18 percent of urban and regional planning positions will remain unfilled.

Current SAT Example: Essay

Think carefully about the issue presented in the following excerpt and the assignment below.

Some see printed books as dusty remnants from the preelectronic age. They point out that electronic books, or e-books, cost less to produce than printed books and that producing them has a much smaller impact on natural resources such as trees. Yet why should printed books be considered obsolete or outdated just because there is something cheaper and more modern? With books, as with many other things, just because a new version has its merits doesn't mean that the older version should be eliminated.

Assignment:

Should we hold on to the old when innovations are available, or should we simply move forward? Plan and write an essay in which you develop your point of view on this issue. Support your position with reasoning and examples taken from your reading, studies, experience, or observations.

Redesigned SAT Essay Prompt

1

As you read the passage below, consider how Dana Gioia uses

- evidence, such as facts or examples, to support claims.
 - reasoning to develop ideas and to connect claims and evidence.
 - stylistic or persuasive elements, such as word choice or appeals to emotion, to add power to the ideas expressed.
-

2

[Sample Passage here]

(In this example, passage is adapted from “Why Literature Matters” by Dana Gioia. ©2005 by The New York Times Company. Originally published April 10, 2005.)

3

Write an essay in which you explain how Dana Gioia builds an argument to persuade his audience that the decline of reading in America will have a negative effect on society. In your essay, analyze how Gioia uses one or more of the features listed in the box above (or features of your own choice) to strengthen the logic and persuasiveness of his argument. Be sure that your analysis focuses on the most relevant features of the passage.

Your essay should not explain whether you agree with Gioia’s claims, but rather explain how Gioia builds an argument to persuade his audience.

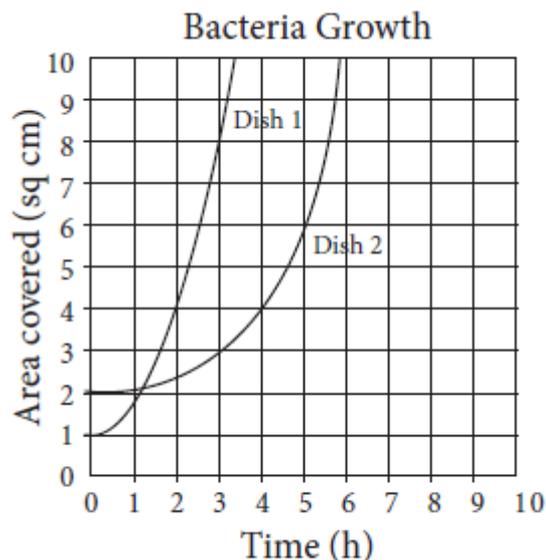
Current SAT Example: Math

Family	Number of Consecutive Nights
Jackson	10
Callan	5
Epstein	8
Liu	6
Benton	8

The table above shows the number of consecutive nights that each of five families stayed at a certain hotel during a 14-night period. If the Liu family's stay did not overlap with the Benton family's stay, which of the 14 nights could be a night on which only one of the five families stayed at the hotel?

- A) The 3rd
- B) The 5th
- C) The 6th
- D) The 8th
- E) The 10th

Redesigned SAT Sample Item: Math



A researcher places two colonies of bacteria into two petri dishes that each have area 10 square centimeters. After the initial placement of the bacteria ($t = 0$), the researcher measures and records the area covered by the bacteria in each dish every ten minutes. The data for each dish were fit by a smooth curve, as shown above, where each curve represents the area of a dish covered by bacteria as a function of time, in hours. Which of the following is a correct statement about the data above?

- A) At time $t = 0$, both dishes are 100% covered by bacteria.
- B) At time $t = 0$, bacteria covers 10% of Dish 1 and 20% of Dish 2.
- C) At time $t = 0$, Dish 2 is covered with 50% more bacteria than Dish 1.
- D) For the first hour, the area covered in Dish 2 is increasing at a higher average rate than the area covered in Dish 1.

Benchmarks

We plan to shift the benchmark approach with the launch of the redesigned assessments:

- + SAT
 - Based on section scores (Evidence-Based Reading & Writing and Math)
 - Linked to success in specific entry-level, college credit courses

- + PSAT 8/9, PSAT 10, and PSAT/NMSQT:
 - Growth-based
 - Represents “on target” progress

College Board Readiness & Success System: SAT Suite of Assessments

PSAT 8/9

PSAT 10

PSAT/NMSQT

SAT

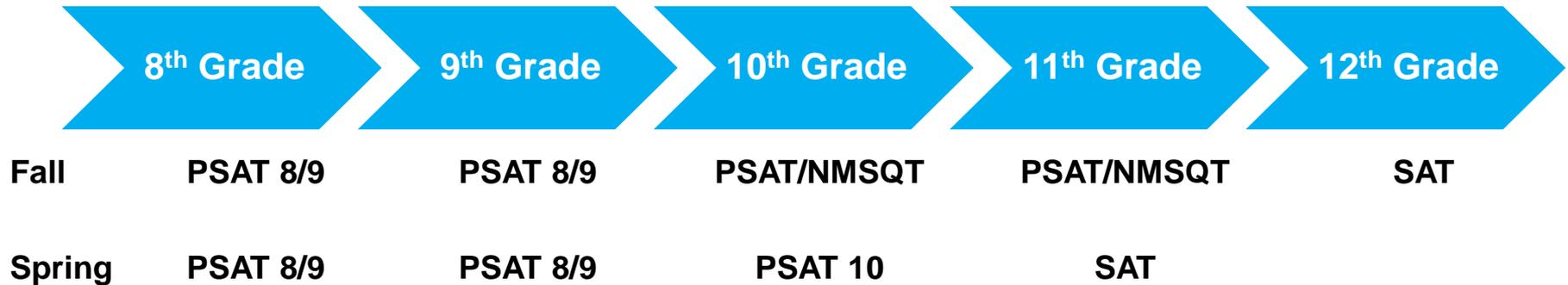
Individual assessments provide value for states, districts & students...

- ✓ Detailed performance feedback connected to standards and instruction
- ✓ Indicator or early indicator of college readiness
- ✓ Promote college going culture early
 - ✓ Access to college planning tools and scholarship opportunities
 - ✓ National Merit
 - ✓ SAT Practice
 - ✓ College entrance cred.
 - ✓ Fee waivers
 - ✓ Linked to success in college courses
- ✓ Identify students with AP Potential & support them through All-In

When used as a system, states & districts unlock added benefit...

- ✓ Ability to track progress, diagnose and intervene and accelerate and measure student growth
- ✓ Integrate assessment results with Khan Academy practice resources to track progress and improve performance
- ✓ Provide cumulative feedback on student progress to states, districts, schools & higher ed

SAT Suite Implementation Models



- + Detailed performance feedback connected to standards and instruction
- + Monitor student progress towards college readiness over time
- + Ability to track progress, diagnose, intervene, and accelerate
- + Robust cumulative and individual student reporting for instructional planning
- + Khan Academy Practice to improve performance
- + Access to career exploration and college planning tools
- + Increased access to scholarship opportunities
- + Planning for challenging courses, including Identifying students with AP Potential
- + “All-In” and Apply to 4 supports for low-income students