
THE REDESIGNED

SAT[®]

February 19, 2015
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Beyond Assessment: Delivering Opportunity

Propel students into opportunities they have earned	Protect opportunity from pressures of inequality	Promote excellent classroom work and accelerate students who are behind
College Application Fee Waivers	Clear and Open SAT	Instruction Modules for Grades 6-12
"All In" Campaign	Partnership with Khan Academy	Personalized Online Guidance

The College Board Readiness & Success System



About the Redesigned SAT

3 SECTIONS:

Evidence-Based
Reading and Writing
200-800 points

Math
200-800 points

Essay
Separate Score

3 Hours*

50 Minutes*

**Please note: All time limits are tentative and subject to research.*

SAT[®]

 CollegeBoard

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8 Key Changes to the SAT



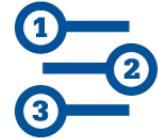
**Relevant words
in context**



**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**

8 Key Changes to the SAT



Relevant words in context

Students will need to:

- ▶ Interpret meaning based on context
- ▶ Master relevant vocabulary
- ▶ Engage in close reading

8 Key Changes to the SAT



Command of evidence

Students will be asked to:

- ▶ Interpret, synthesize, and use evidence found in a wide range of sources
- ▶ Support the answers they choose
- ▶ Integrate information conveyed through both reading passages and informational graphics

8 Key Changes to the SAT

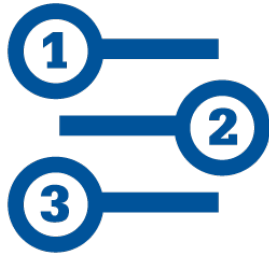


Essay analyzing a source

The redesigned essay will:

- ▶ More closely mirror college writing assignments
- ▶ Cultivate close reading, careful analysis, and clear writing
- ▶ Promote the practice of reading a wide variety of arguments and analyzing an author's work

8 Key Changes to the SAT



**Math focused on
three key areas**

Current research shows that three key areas most contribute to readiness for college and career training:

- ▶ Problem Solving and Data Analysis (quantitative literacy)
- ▶ Heart of Algebra (mastery of linear equations)
- ▶ Passport to Advanced Math (familiarity with more complex equations)

8 Key Changes to the SAT



Problems grounded in real-world contexts

Students will engage with questions that:

- ▶ Directly relate to the work performed in college and career
- ▶ Include charts, graphs, and passages likely to be encountered in science, social science, and other majors and careers
- ▶ Feature multistep applications to solve problems in science, social science, career scenarios, and other real-life contexts

8 Key Changes to the SAT



Analysis in science and social studies

Students will apply their reading, writing, language, and math skills to answer questions in science, history, and social studies contexts.

8 Key Changes to the SAT



Founding documents and great global conversation

The redesigned SAT will include one of the following:

- ▶ An excerpt from one of the Founding Documents
- ▶ A text from the ongoing Great Global Conversation about freedom, justice, and human dignity

No prior knowledge of the text will be required.

8 Key Changes to the SAT



**No penalty for
wrong answers**

- ▶ One point for each correct answer
- ▶ Zero points for unanswered items
- ▶ Zero points for wrong answers

SAT 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
- ▶ Focus on:
 - Words in context
 - Command of evidence

SAT Writing & Language Test: Features

- ▶ Passage based
- ▶ Cross-disciplinary contexts:
 - Humanities
 - History/social studies
 - Science
 - Careers
- ▶ Informational graphics
- ▶ Multiple text types: argument, informative, nonfiction narrative
- ▶ Focus on:
 - Expression of ideas
 - Standard English conventions
 - Words in context
 - Command of evidence

SAT Essay Test: Features

- ▶ Common prompt: publicly available
 - Represents sound instructional model
- ▶ Sources are arguments written for a broad audience
- ▶ Emphasis on analysis of the argument (not opinion)
- ▶ Expanded time for students to read, plan, write (50 minutes)
- ▶ Analytic scoring

SAT Math Test: Features

- ▶ Multiple item types
- ▶ Focus on what matters in college/career readiness
- ▶ Calculator/No calculator sections
- ▶ Focus on application, procedural skill and fluency, conceptual understanding
- ▶ Rich application contexts:
 - Social studies
 - Science
 - Careers
- ▶ Item sets
- ▶ Multistep problems

Current & Redesign Sample Items

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: Critical Reading

Based on information presented in the passage, which best describes what Georgia was “tired of ” (line 8) ?

- (A) Being forced to earn a living
- (B) Being teased about Joseph Tank
- (C) Being considered a hack writer by some of her colleagues
- (D) Being betrayed by her supposed friends
- (E) Being the only woman in the newsroom

Redesigned SAT Sample Item: Command of Evidence (Reading Test)

... The North Carolina ratification convention: “No one need be afraid that officers who commit oppression will pass with immunity.” “Prosecutions of impeachments will seldom fail to agitate the passions of the whole community,” said Hamilton in the Federalist Papers, number 65. “We divide into parties more or less friendly or inimical to the accused.”* I do not mean political parties in that sense.

The drawing of political lines goes to the motivation behind impeachment; but impeachment must proceed within the confines of the constitutional term “high crime[s] and misdemeanors.” Of the impeachment process, it was Woodrow Wilson who said that “Nothing short of the grossest offenses against the plain law of the land will suffice to give them speed and effectiveness. Indignation so great as to overgrow party interest may secure a conviction; but nothing else can.” [. . .]

Adapted from a speech delivered by Congresswoman Barbara Jordan of Texas on July 25, 1974, before the Judiciary Committee of the United States House of Representatives.

In lines 48-53 (“Prosecutions . . . sense”), what is the most likely reason Jordan draws a distinction between two types of “parties”?

- A) To counter the suggestion that impeachment is or should be about partisan politics
- B) To disagree with Hamilton’s claim that impeachment proceedings excite passions
- C) To contend that Hamilton was too timid in his support for the concept of impeachment
- D) To argue that impeachment cases are decided more on the basis of politics than on justice

Redesigned SAT Sample Item: Command of Evidence (Reading Test) Continued

Which choice provides the best evidence for the answer to the previous question?

A) Lines 13-17 (“It . . . office”)

It is wrong, I suggest, it is a misreading of the Constitution for any member here to assert that for a member to vote for an article of impeachment means that that member must be convinced that the President should be removed from office.

B) Lines 20-24 (“The division . . . astute”)

The division between the two branches of the legislature, the House and the Senate, assigning to the one the right to accuse and to the other the right to judge—the framers of this Constitution were very astute.

C) Lines 54-57 (“The drawing . . . misdemeanors”)

The drawing of political lines goes to the motivation behind impeachment; but impeachment must proceed within the confines of the constitutional term “high crime[s] and misdemeanors.”

D) Lines 64-67 (“Congress . . . transportation”)

Congress has a lot to do: appropriations, tax reform, health insurance, campaign finance reform, housing, environmental protection, energy sufficiency, mass transportation.

Current SAT Example: Sentence Completions

Some fans feel that sports events are _____ only when the competitors are of equal ability, making the outcome of the game _____.

- (A) successful . . assured
- (B) boring . . questionable
- (C) dull . . foreseen
- (D) interesting . . predictable
- (E) exciting . . uncertain

Redesigned SAT Sample Item: Relevant Words in Context (Writing & Language Test)

[. . .] As Kingman developed as a painter, his works were often compared to paintings by Chinese landscape artists dating back to CE 960, a time when a strong tradition of landscape painting emerged in Chinese art. Kingman, however, **4** vacated from that tradition in a number of ways, most notably in that he chose to focus not on natural landscapes, such as mountains and rivers, but on cities. [. . .]

4. A) NO CHANGE
B) evacuated
C) departed
D) retired

Redesigned SAT Sample Item: Relevant Words in Context (Reading Test)

[. . .] The coming decades will likely see more **intense** clustering of jobs, innovation, and productivity in a smaller number of bigger cities and city-regions. Some regions could end up bloated beyond the capacity of their infrastructure, while others struggle, their promise stymied by inadequate human or other resources.

Adapted from Richard Florida, *The Great Reset*.
©2010 by Richard Florida.

As used in line 55, “intense” most nearly means

- A) emotional.
- B) concentrated.
- C) brilliant.
- D) determined.

Current SAT Example: Identifying Sentence Errors

The students have discovered that they can address issues
A B
more effectively through letter-writing campaigns and not
C D
through public demonstrations. No error
E

Redesigned SAT Sample Item: Relevant Words in Context (Writing & Language Test)

[. . .] The transportation planner’s job might involve conducting a traffic count to determine the daily number of vehicles traveling on the road to the new factory. If analysis of the traffic count indicates that there is more traffic than the **3** current road as it is designed at this time can efficiently accommodate, the transportation planner might recommend widening the road to add another lane. [. . .]

3. A) NO CHANGE
B) current design of the road right now
C) road as it is now currently designed
D) current design of the road

Current SAT Example: Improving Sentences

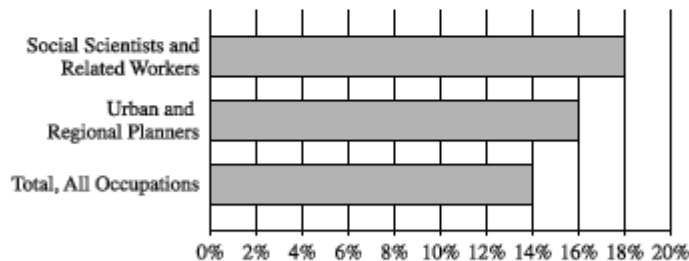
The library is older than it but still just as beautiful as the courthouse.

- (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.

Urban and Regional Planners
Percent Increase in Employment, Projected 2010–2020



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: Math

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

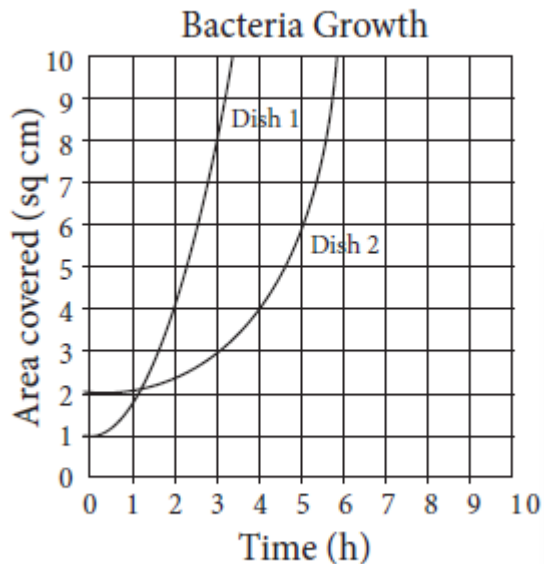
The table above shows the number of consecutive nights that each of five families stayed at a certain hotel during a 14-night period. If the Liu family's stay did not overlap with the Benton family's stay, which of the 14 nights could be a night on which only one of the five families stayed at the hotel?

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

Redesigned SAT Sample Item: Math

If $\frac{1}{2}x + \frac{1}{3}y = 4$, what is the value of $3x + 2y$?

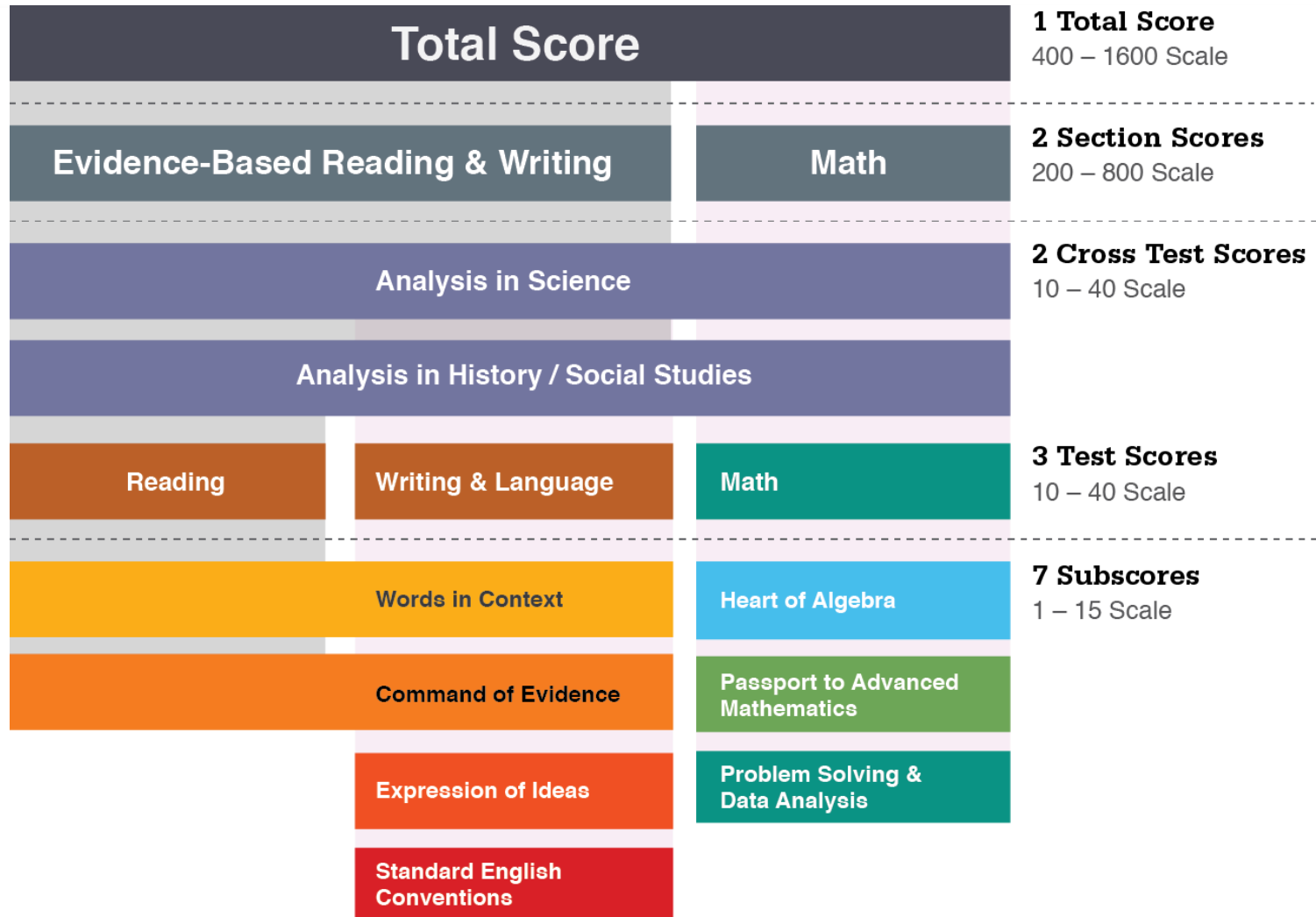
Redesigned SAT Sample Item: Math



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.

SAT Scores and Subscores



SAT Essay Scores

- + Essay scoring will consist of 3 subscores:

Reading

2 – 8 Scale

Analysis

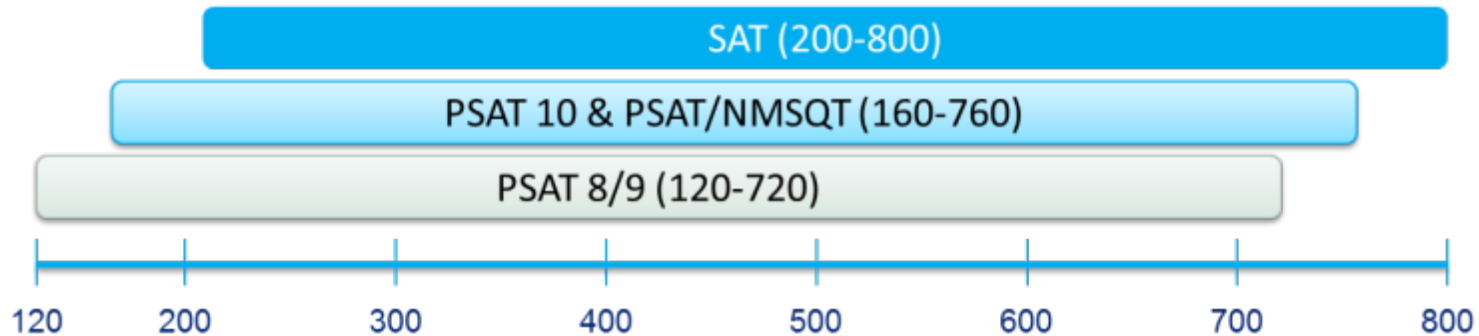
2 – 8 Scale

Writing

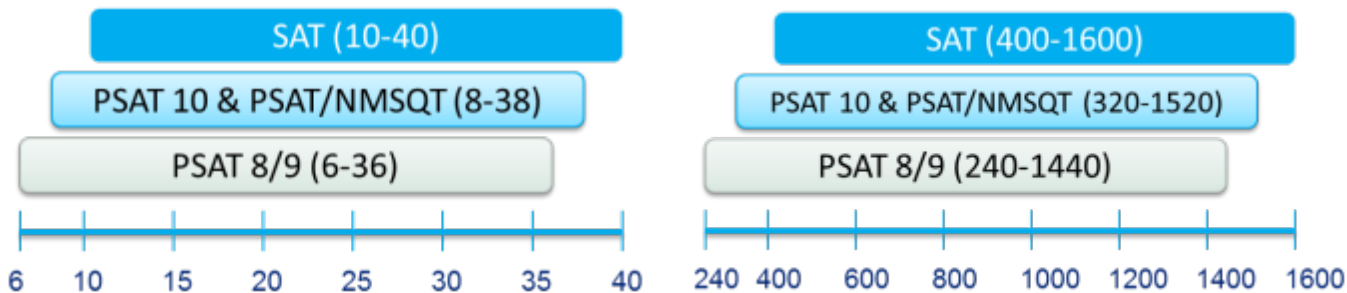
2 – 8 Scale

Longitudinal Progress Monitoring

- + 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 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

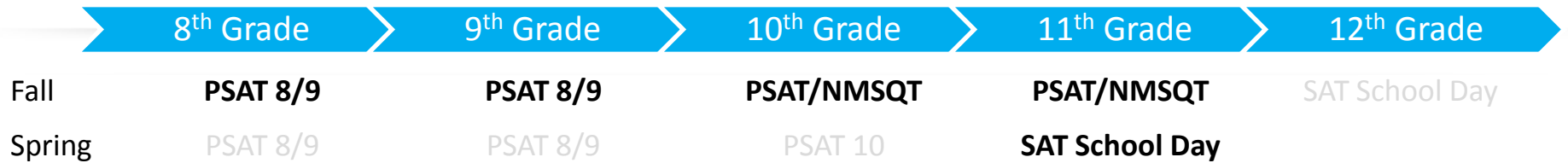
Grade Level Appropriate Writing & Language

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

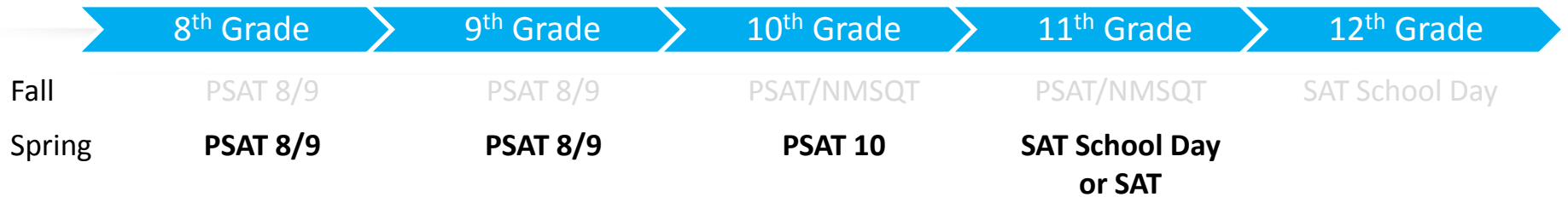
Fall Model



Emphasis on system benefits varies based on model selected for implementation, the fall implementation model may focus on:

- + Indicator of college readiness
- + Khan Academy Practice to improve performance
- + Access to college planning tools
- + Scholarship opportunities for students including National Merit
- + Identify students with AP Potential
- + All-In and Apply to 4 supports for low-income students

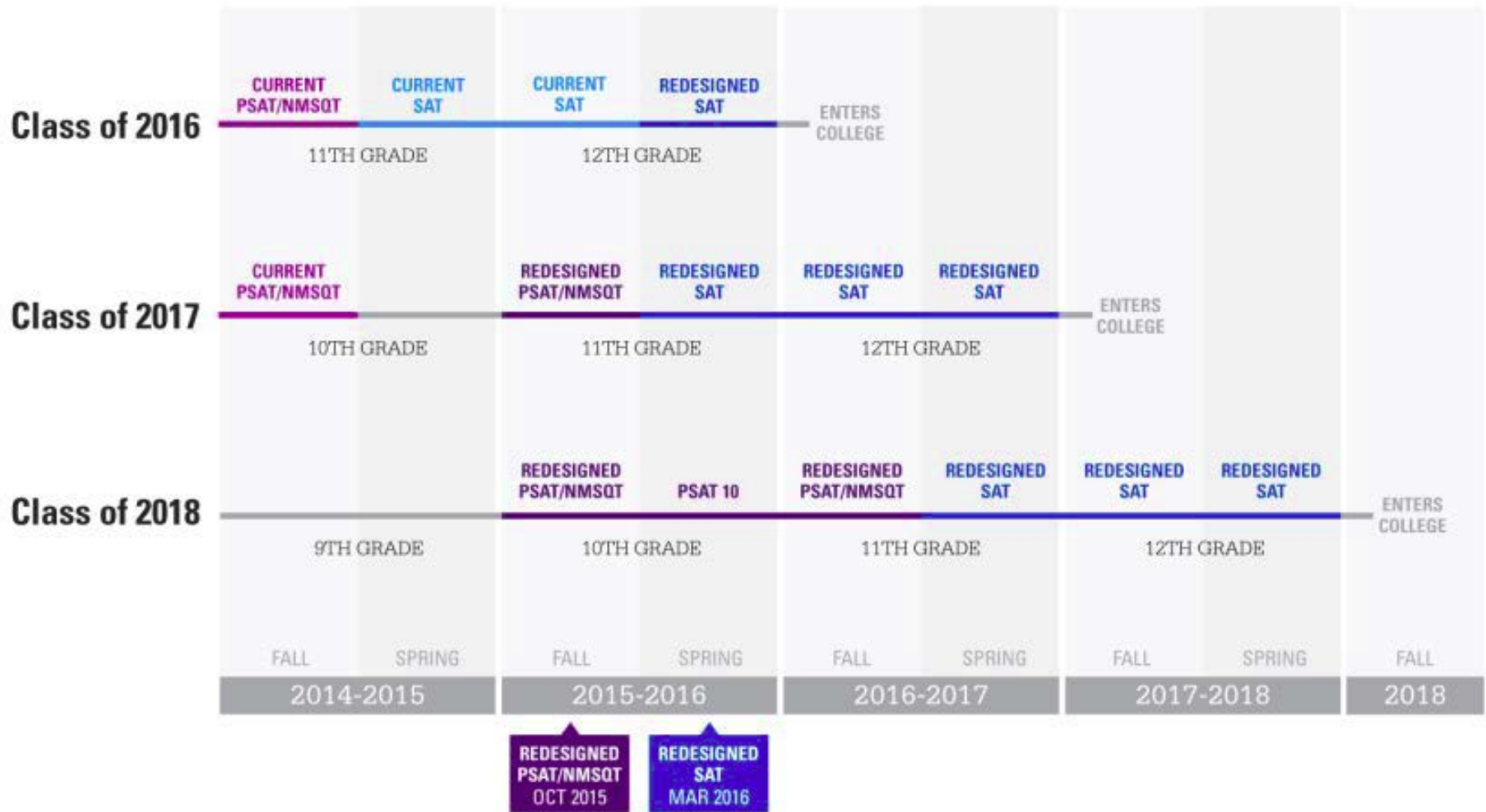
Spring Model



Emphasis on system benefits varies based on model selected for implementation, the spring implementation model may focus on:

- + Detailed performance feedback connected to standards and instruction
- + Ability to track progress, diagnose and intervene and accelerate
- + Measure student growth over time
- + Cumulative feedback on student progress to states, districts, schools & higher ed.

Administration by Graduating Class



Practice Resources

December 2014



Practice questions available
Collegereadiness.collegeboard.org

March 2015



PSAT/NMSQT Practice Test
Released

May 2015



Khan Academy Practice Site Launch

June 2015



The Official SAT Study Guide
Release

Fall 2015



Enhanced Khan Academy
functionality

Resources for Educators

January 2015



Monthly Counselor Webinars

<http://counselorworkshops.collegeboard.org/registration/online-workshops>

March 2015



The Counselor Resource Guide to the Redesigned Assessments

Summer 2015



Teacher and Parent Guides to the Redesigned Assessments

Summer 2015



Counselor Video and Related Resources Distributed

Planned Concordances

What about rSAT – ACT concordance?

During the immediate transition period, the first concordance between the redesigned SAT and the ACT will have to be derived from the current/new SAT concordance

Current ACT/SAT concordance tables:

- ▶ **ACT Composite Score and the sum of SAT Critical Reading and Mathematics**
- ▶ **ACT Combined English/Writing Score and the SAT Writing Score**

Planned Concordances for SAT

For institutions that use 1600 currently

cSAT Scores	rSAT Scores
Math (200-800)	Math (200-800)
Critical Reading (200-800)	Evidence-based Reading & Writing (200-800)

For institutions that use 2400 currently

cSAT Scores	rSAT Scores
Critical Reading (200-800)	Reading (10-40)
Math (200-800)	Math (10-40)
Writing (including essay) (200-800)	Writing and Language (10-40)

For More Information

The screenshot shows the CollegeBoard website's announcement page for the redesigned SAT. The header includes navigation links for SAT, AP, College Planning, College Search, Professional Development, Store, and More. The main content area features a large image of students and the text 'View the Announcement of the Redesigned SAT' with a 'Learn More »' link. Below this is a 'View the Live Announcement' section with a 'Sign Up for Updates' button. The main heading reads 'Delivering Opportunity: Redesigning the SAT is just one step.' Below this, a section titled 'HERE ARE THREE MORE WAYS THE COLLEGE BOARD WILL DELIVER OPPORTUNITY:' lists three points: 1. Ensure that students are propelled forward, 2. Provide free test preparation to the world, and 3. Support excellent classroom work and students who are behind.

Sign up for updates:

▶ www.deliveringopportunity.org

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Michigan SAT webpage

<http://collegeboard.org/michigan>

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Evidence-Based Reading & Writing and Essay

Key Design Elements Supported by Evidence

- ▶ **Text Complexity** - Adams (2009)
- ▶ **Source Analysis and Evidence Use** – Duke University (2009), Cornell University (2009), Texas A&M University (2014)
- ▶ **Analysis of Data in Graphics** – Friel, Curcio, & Bright (2001)
- ▶ **Words in Context** – Beck, McKeown, & Kucan (2013)
- ▶ **Language Conventions and Effective Language Use** – Micciche (2004)
- ▶ **Disciplinary Literacy** – Shanahan, Sjamaham, & Misischia (2011)

The full evidentiary foundation for the redesigned SAT can be found in Section II of the Test Specifications Document.

Please visit deliveringopportunity.org

Math Test

Key Design Elements Supported by Evidence

- ▶ **Focusing on Content that Matters Most** – Conley (2011)
- ▶ **Problem Solving and Data Analysis** – NCEE (2013)
- ▶ **Calculator and No-Calculator Sections** – Conley (2011)

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