

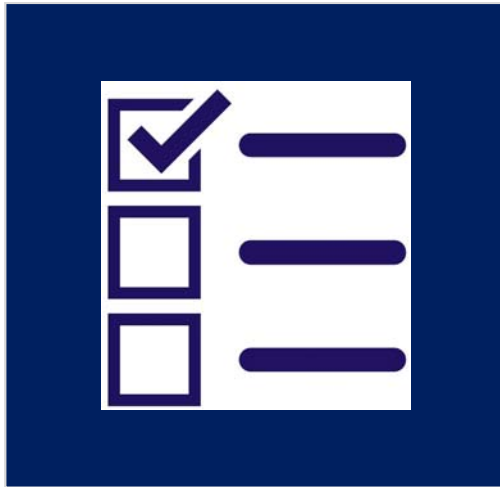


SAT[®] Test Change

Sam Pritchard, Mid-Atlantic Regional Director

KAPLAN TEST PREP

Agenda



The Transition Year



ACT Test Updates &
SAT and PSAT
Changes



Student Impact

SAT Test Changes

Test Change Timeline

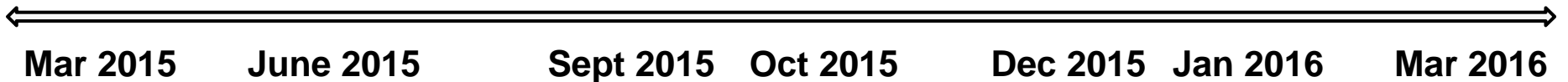
ACT:
Enhanced
Scoring +
Writing
Test

PSAT:
New Test
Launches

SAT:
New Test
Launches




SAT:
2nd to
Last
Current
Test

SAT:
Last
Current
Test




SAT Test Changes



Updated ACT Overview

Category	Features
 Scoring	<ul style="list-style-type: none">▪ No changes to 1-36 scoring▪ New scores reported✓ ELA✓ STEM✓ Career Readiness✓ Text Complexity
 Math	More probability & statistics
 Reading	New paired passages


Updated ACT Overview

Category	Features
 Essay	<ul style="list-style-type: none">▪ Now requires analysis of 3 different perspectives▪ More scores provided✓ Ideas and analysis✓ Development and support✓ Organization✓ Language use


New SAT Overview

Category	Features
 Scoring	<ul style="list-style-type: none">▪ No wrong-answer penalty▪ Scored on a scale of 1600✓ 800 points for Math✓ 800 points for Evidence-Based Reading and Writing▪ Test, Cross-, and Sub-scores reported▪ Optional Essay scored separately
 Timing	<ul style="list-style-type: none">▪ 3 hours + 50-minute optional essay

New SAT Overview

Category	Features
 Structure	<p>Evidence-Based Reading and Writing Test</p> <ul style="list-style-type: none">▪ 65-minute Reading section▪ 35-minute Language and Writing section▪ All multiple-choice questions have only 4 answer choices <p>Math Test</p> <ul style="list-style-type: none">▪ 55-minute section with calculator▪ 25-minute section with <u>no</u> calculator▪ Includes grid-ins and multiple choice questions▪ All multiple-choice questions have only 4 answer choices <p>Essay</p> <ul style="list-style-type: none">▪ Optional▪ 50-minutes long

New SAT Overview

Category	Features
 Math	<ul style="list-style-type: none">▪ Three areas of concentrated focus:<ul style="list-style-type: none">✓ Problem solving and data analysis✓ “The Heart of Algebra”✓ “Passport to Advanced Math”▪ Real-world problem solving with informational graphics▪ Calculator permitted for 37 questions; not permitted for 20 questions▪ Test includes multiple choice and grid-in questions plus one enhanced grid-in

Question Not on Redesigned SAT

This question presents the student with a reasoning puzzle unrelated to the school mathematics curriculum. Being able to solve unfamiliar problems is valuable, but a test based entirely on this idea does not provide as much assurance that students have learned essential math skills and practices — nor does it reward students for their hard work in doing so.

To see what this shift means, consider the following item from the current SAT: ¹

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

Question On Real World Scenarios

EXAMPLE 6

An international bank issues its Traveler credit cards worldwide. When a customer makes a purchase using a Traveler card in a currency different from the customer's home currency, the bank converts the purchase price at the daily foreign exchange rate and then charges a 4% fee on the converted cost.

Sara lives in the United States, but is on vacation in India. She used her Traveler card for a purchase that cost 602 rupees (Indian currency). The bank posted a charge of \$9.88 to her account that included the 4% fee.

PART 1

What foreign exchange rate, in Indian rupees per one U.S. dollar, did the bank use for Sara's charge? Round your answer to the nearest whole number.

PART 2

A bank in India sells a prepaid credit card worth 7,500 rupees. Sara can buy the prepaid card using dollars at the daily exchange rate with no fee, but she will lose any money left unspent on the prepaid card. What is the least number of the 7,500 rupees on the prepaid card Sara must spend for the prepaid card to be cheaper than charging all her purchases on the Traveler card? Round your answer to the nearest whole number of rupees.

Questions Without a Calculator

$$4x - y = 3y + 7$$

$$x + 8y = 4$$

Based on the system of equations above, what is the value of the product xy ?

A) $-\frac{3}{2}$

B) $\frac{1}{4}$

C) $\frac{1}{2}$

D) $\frac{11}{9}$

$$\frac{1}{2}x - \frac{1}{4}y = 5$$

$$ax - 3y = 20$$

In the system of linear equations above, a is a constant. If the system has no solution, what is the value of a ?

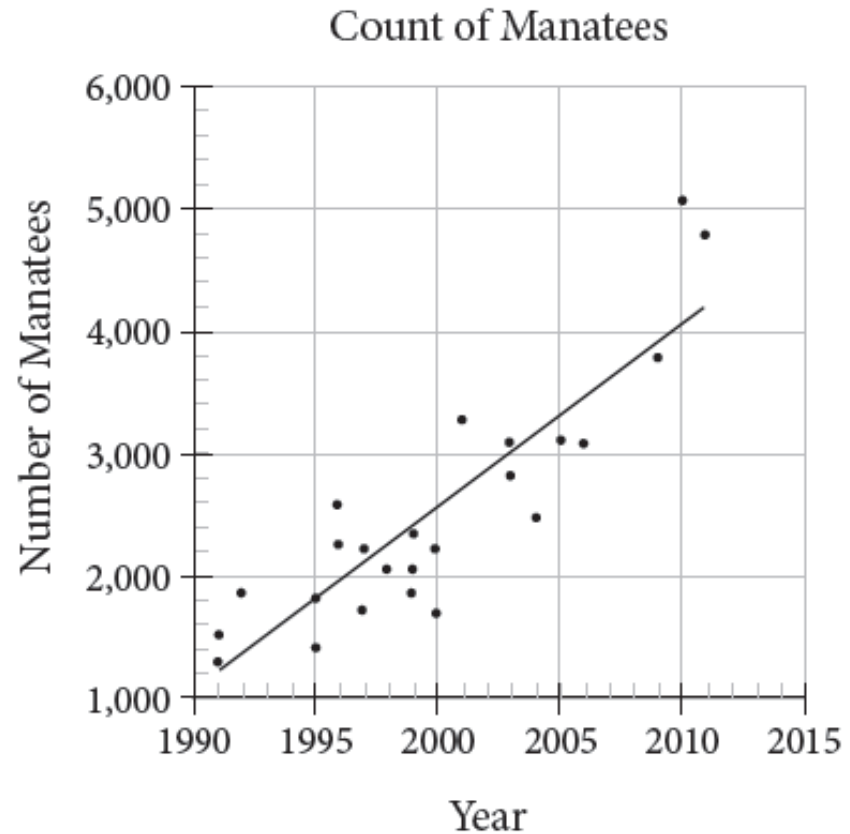
A) $\frac{1}{2}$

B) 2

C) 6

D) 12

Question On Data Analysis



The scatterplot above shows counts of Florida manatees, a type of sea mammal, from 1991 to 2011. Based on the line of best fit to the data shown, which of the following values is closest to the average yearly increase in the number of manatees?

- A) 0.75
- B) 75
- C) 150
- D) 750

Question With Trigonometry

It is given that $\sin x = a$, where x is the radian measure of an angle and $\frac{\pi}{2} < x < \pi$.

If $\sin w = -a$, which of the following could be the value of w ?


- A) $\pi - x$
- B) $x - \pi$
- C) $2\pi + x$
- D) $x - 2\pi$

CONTENT: Additional Topics in Math


KEY: B

CALCULATOR USAGE: No calculator

New Test Overview

Category	Features
 <p>Evidence-Based Reading and Writing</p>	<ul style="list-style-type: none">▪ Reading and Writing combined into new Evidence-Based Reading and Writing section▪ Reading details:<ul style="list-style-type: none">✓ No sentence completions✓ Passage topics include US and World Literature, History/Social Studies, and Sciences (500 - 750 words)▪ Writing and Language details:<ul style="list-style-type: none">✓ Tests “Expression of Ideas” and “Standard English Conventions” through passages relating to Careers, History/Social Studies, Humanities, and Science✓ Focus on extended prose (400 - 500 words)

New Test Overview

Category	Features
 Essay	<ul style="list-style-type: none">▪ Essay is optional▪ Students have 50 minutes to analyze a 650- to 750-word document and draft an essay▪ Tests reading, analysis, and writing skills▪ Requires students to analyze a source document and explain how the author builds an argument

Evidence-Based Reading Comp.

[. . .] 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, **6** 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.

New Essay Prompt

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.

Scoring Details

Composite Score

- Sum of the two Area Scores
- Range of 400 - 1600

Area Score

- Math
- Range of 200 - 800



Area Score

- Evidence-Based Reading + Writing
- Range of 200 - 800

Test Scores

- 3 scores: Math, Reading, and Writing & Language
- Range of 10 - 40

SAT Test Changes





Cross-Test Scores

Score Range	10-40
Number of Scores	2
Definition	<ul style="list-style-type: none">▪ 2 Cross-Test Scores:<ol style="list-style-type: none">1. Analysis in History/Social Sciences2. Analysis in Science▪ Scores will reflect how students perform on specific questions across Math and Evidence-Based Reading and Writing that are tied to History/Social Studies and Science

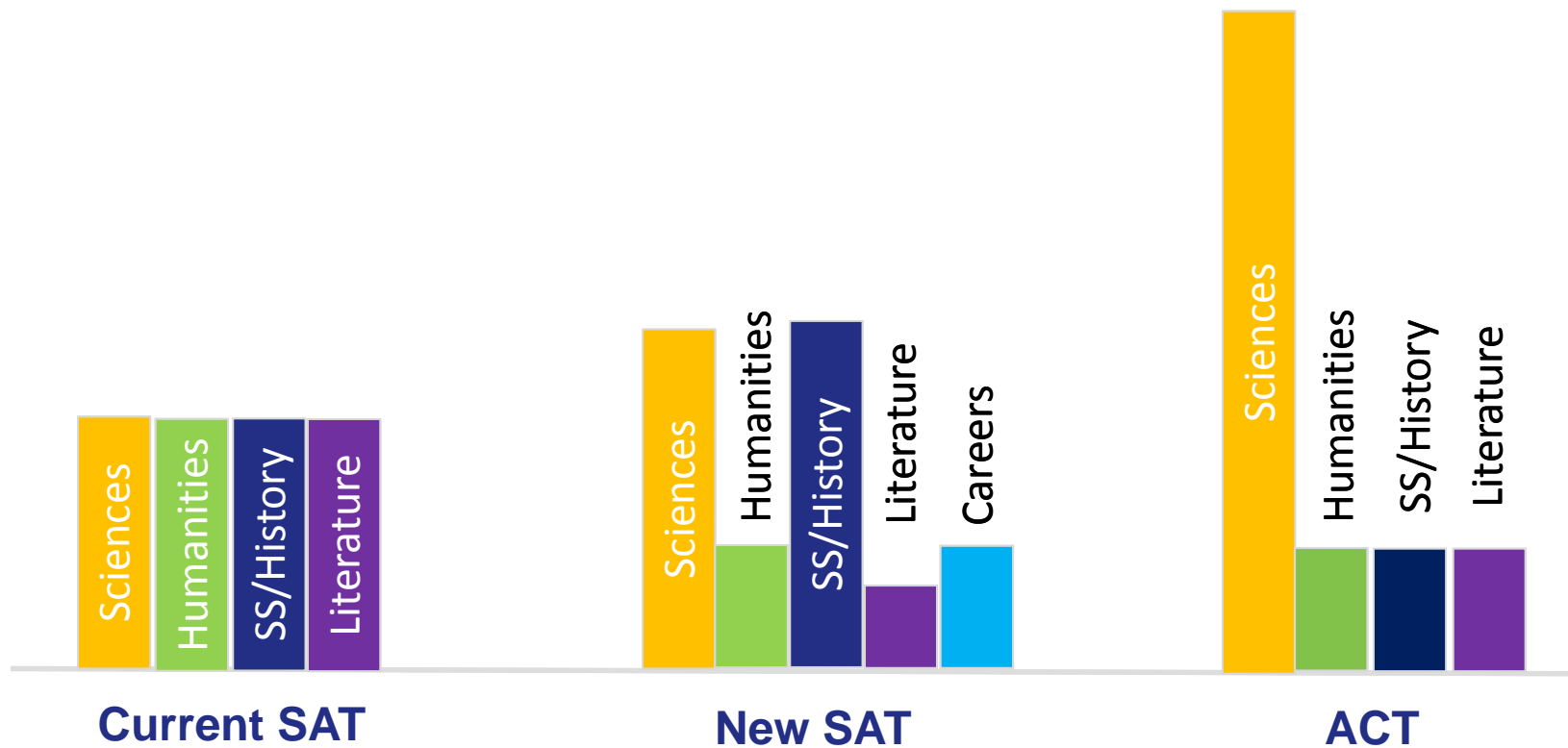
Subscores

Score Range	1-15
Number of Scores	7
Definition	<ul style="list-style-type: none">▪ Reading and Writing & Language:<ul style="list-style-type: none">✓ Command of Evidence✓ Relevant Words in Context▪ Writing & Language:<ul style="list-style-type: none">✓ Expression of Ideas✓ Standard English Conventions▪ Math<ul style="list-style-type: none">✓ The Heart of Algebra✓ Passport to Advanced Math✓ Problem Solving and Data Analysis

New PSAT/NMSQT Overview

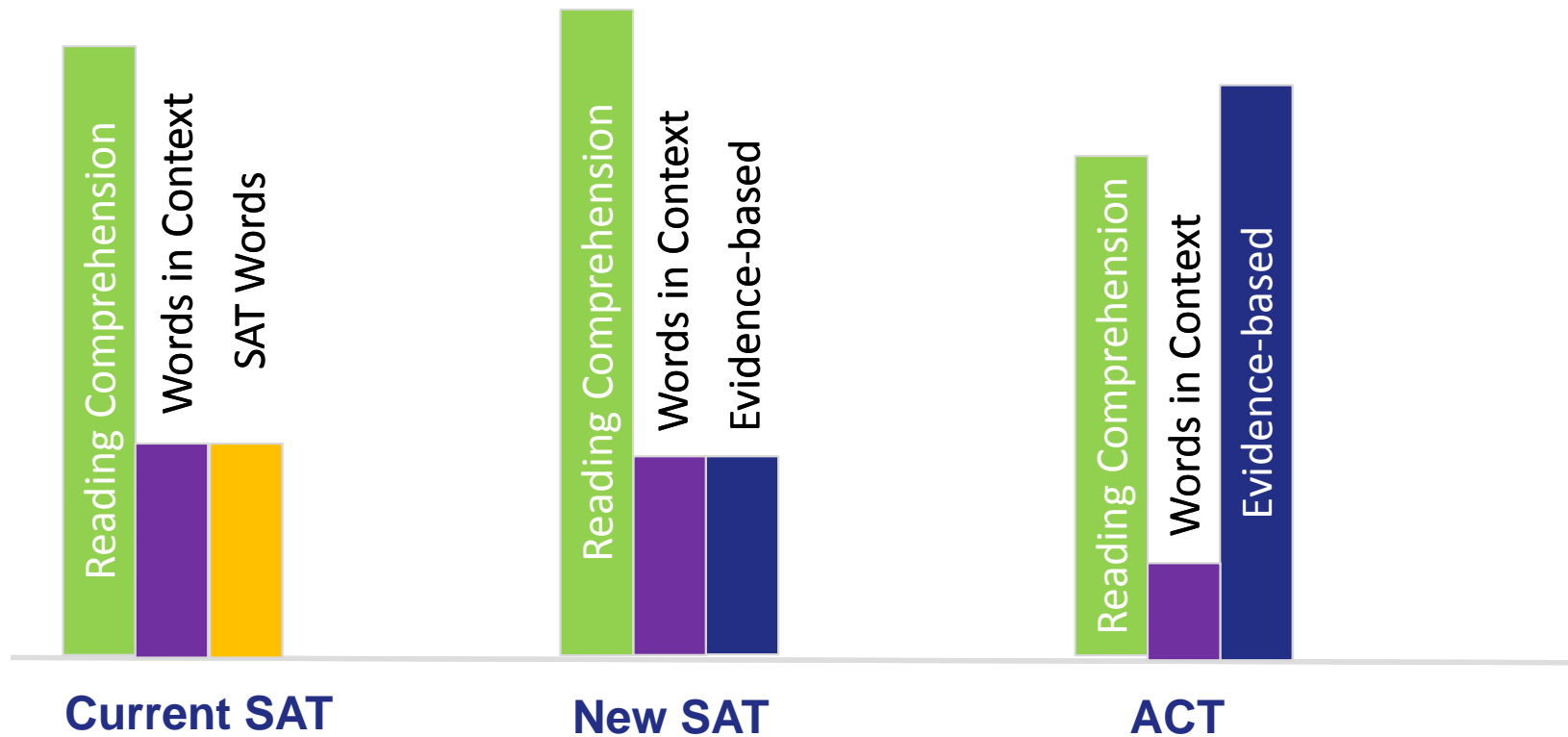
Category		Features
 Scoring	Same as the New SAT	
 Timing	2 hours, 45 minutes	
 Structure	Aligned with the New SAT, and almost the same length	
 Suite of Tests	PSAT 8/9 PSAT 10 PSAT/NMSQT 11	

Questions Per Reading Passage Topic



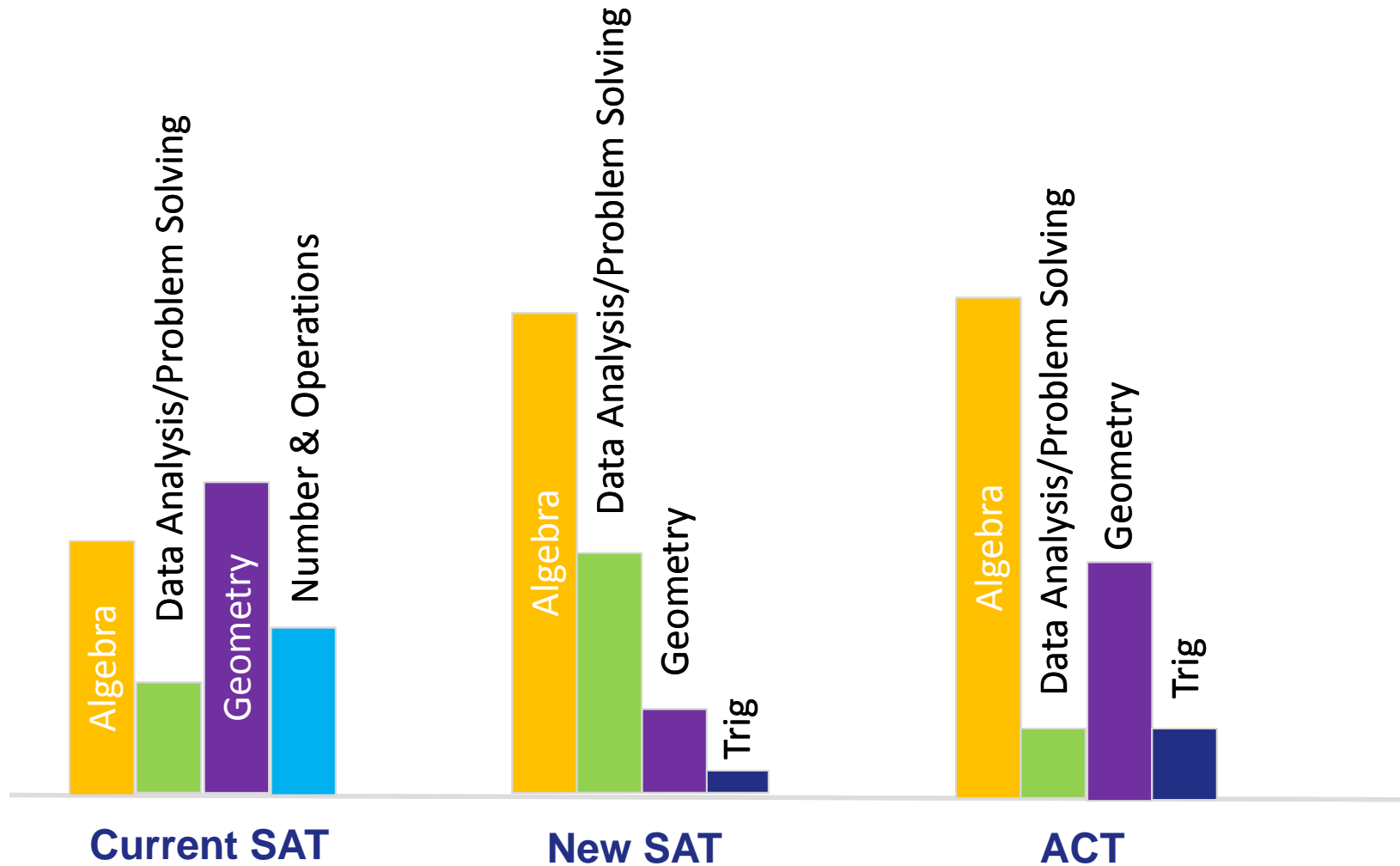
SAT Test Changes

Reading Skills Tested



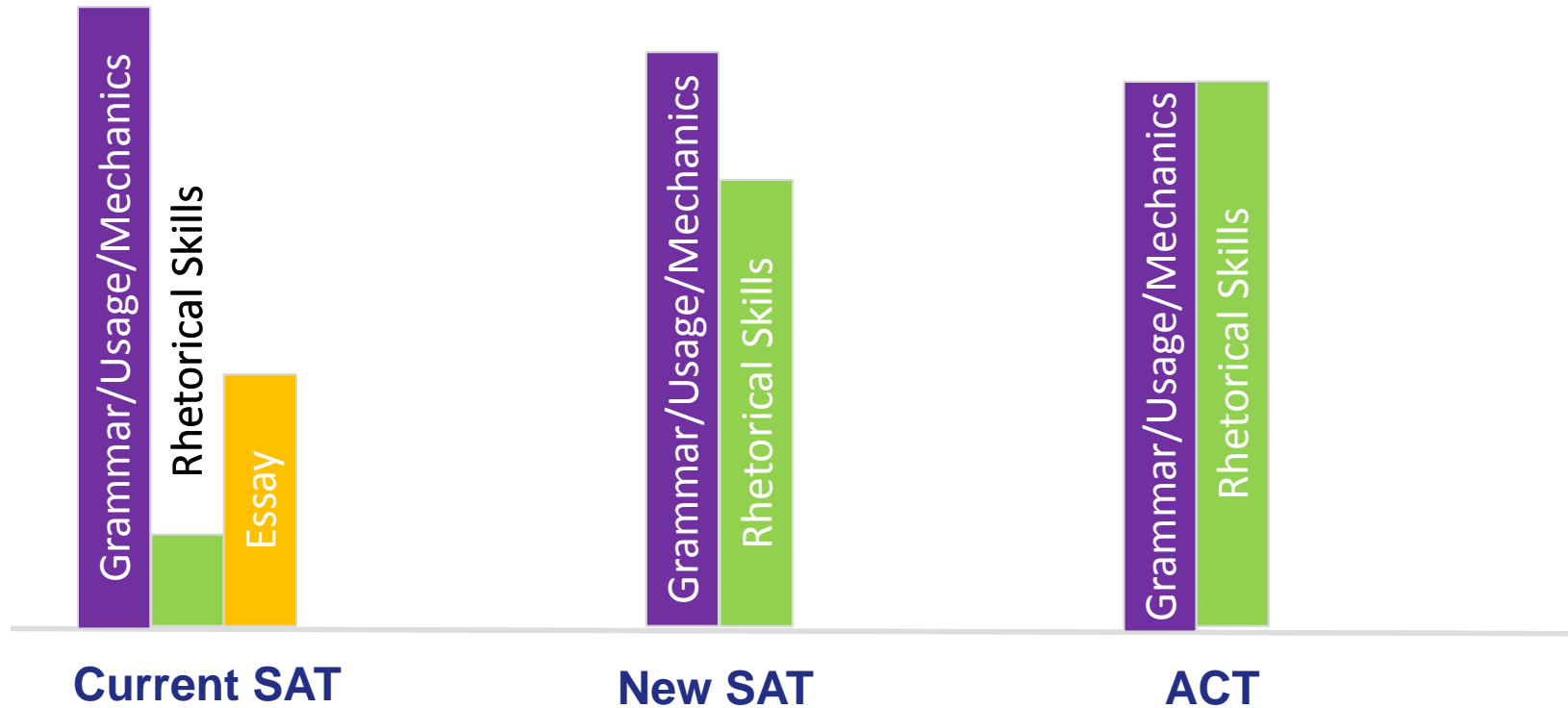
SAT Test Changes

Math Skills Tested



SAT Test Changes

Writing Skills Tested



SAT Test Changes

New SAT and ACT: 5 Key Differences



1. The New SAT has a greater focus on History & Social Studies passages
2. Both focus on Algebra, but the New SAT has a greater emphasis on Data Analysis & Problem Solving
3. The ACT requires more Science reading
4. The New SAT requires more mental math
5. The New SAT has grid-in questions, and an extended thinking grid-in question

Curriculum Questions

Math:

- Does increase in Algebra mean students should aim to finish Alg II in Sophomore year?
- How can schools incorporate more data analysis?
- Are changes warranted for few trig questions or not?

Science:

- Do students do enough analysis of science reading passages?

Classical Languages:

- Are Latin and Greek less relevant now that vocab is not tested directly on the SAT?

English:

- Do students get enough exposure to non-fiction reading passages compared to literature?
- Should students be more prepared to analyze arguments vs. forming opinions?

SS/History:

- Are students able to glean information from charts such as pop growth over time?

Helping Students Navigate Changes

SAT Test Changes

KAPLAN TEST PREP

Test Paths

Student Profile

- ✓ Early Decision
- ✓ APs and Subject Tests

- ✓ Regular Decision
- ✓ Preference for SAT

- ✓ Great Test Taker

- ✓ Anxious test taker
- ✓ Obvious strengths with one test

Potential Test Path

- ✓ Current SAT or ACT

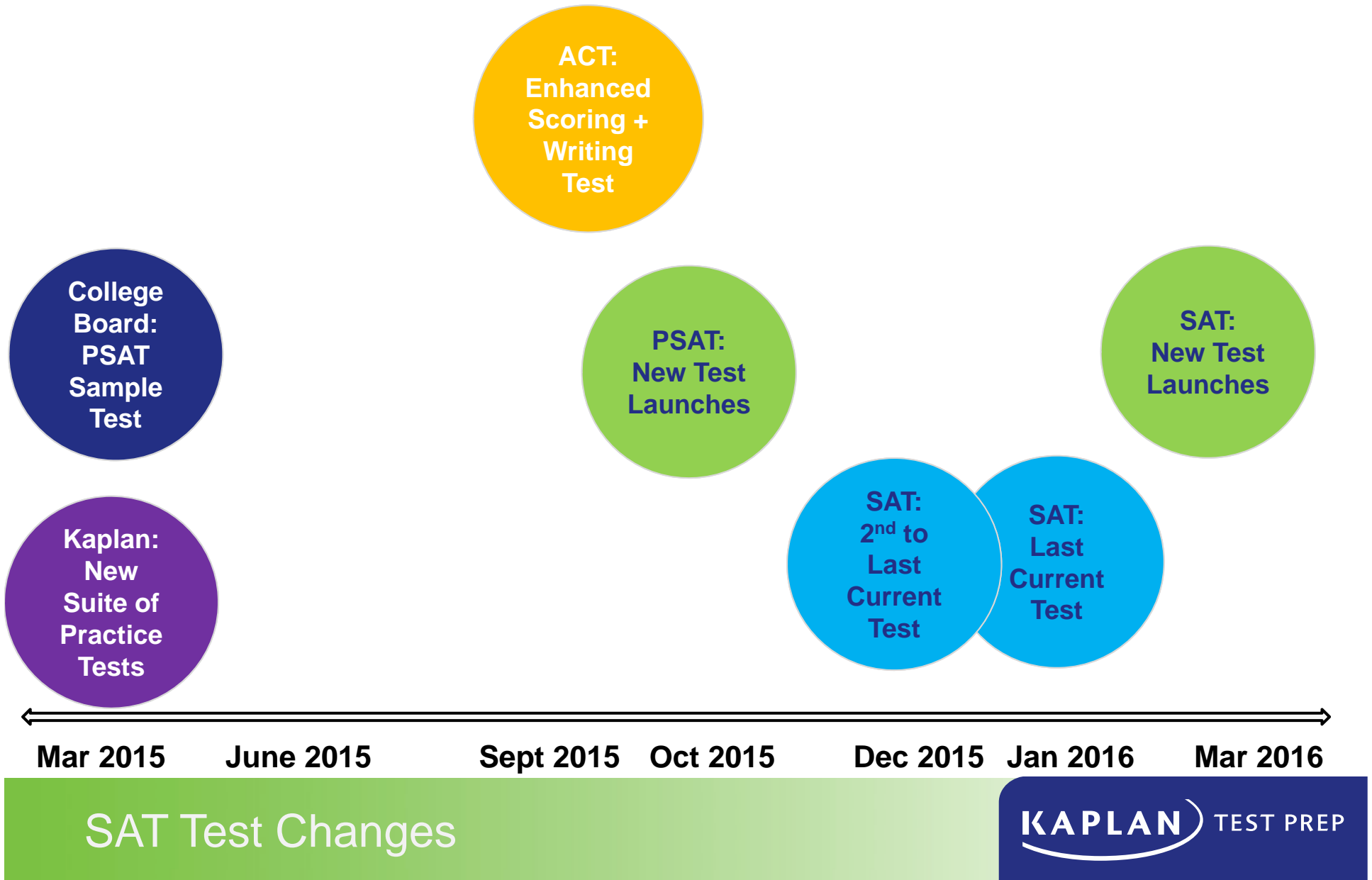
- ✓ New SAT

- ✓ Current SAT & New SAT & ACT

- ✓ Current SAT or New SAT or ACT

SAT Test Changes

Test Change Timeline



New Kaplan Sample Tests: March 2015

The Request

The Right Test

Provide exposure to a full-length test

New SAT Sample Test
New PSAT Sample Test

Help students decide between the New SAT or Current SAT

New SAT/Current SAT Combo Test

Help students decide between the New SAT or ACT

New SAT/ACT Combo Test

Help students decide between the Current SAT or ACT

Current SAT/ACT Combo Test

Help students decide between all three tests

Current SAT/ACT/New SAT Combo Test

SAT Test Changes

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Discussion