

The Redesigned SAT (Spring, 2016)

Presented to the RSD 17 Board of Education by:

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Introduction

- This presentation will provide an overview of the key changes to the SAT beginning in March of next year.
- HKHS Principal, Donna Hayward, and Dean of Academics, Mary Ann Grimaldi are here tonight with me to respond to any questions and to share plans for communication as well as PD.
- Please visit our district website (District/Curriculum & Instruction/SAT) for links to additional information and resources.

When is This Change Taking Place?

- The first administration of the redesigned SAT will be in **March, 2016** (this year's sophomores taking the SAT as juniors next year).
- The **PSAT** is also being redesigned will be available in **October, 2015**.
 - All HKHS sophomores take the PSAT in the fall. Some juniors take it for a second time.

Why is the SAT Changing?

- To be more focused on the **essential knowledge and skills which matter most for students in college and career** according to College Board's research.
- To have **questions more familiar to students** to represent rigorous coursework.

Current SAT vs. Redesigned SAT

1. Critical Reading
2. Writing
3. Math
4. Essay (not optional)

Testing Time: 3 hours and 45 minutes (essay was 25 min.)

1. Evidence-Based Reading and Writing
 - Reading Test
 - Writing and Language Test
2. Math
3. Essay (**optional**)

Testing Time: 3 hours (plus 50 minutes for optional essay)

How is the SAT Changing?

Key changes include:

- Supporting answers with **evidence**.
- **Functional vocabulary** (words widely used in college and career vs. obscure).
- **Multi-step** math problems with **real-world** contexts.
 - Depth vs. breadth.
 - Calculator allowed on only some sections, not all.
- An **optional** essay which tests reading, analysis of an argument, and writing skills. Scored separately from total score on a 2-8 scale.
- **No longer a penalty for wrong answers**; encouragement to select the best answer for each question.

Redesigned SAT Requires Students To:

- **Analyze and use reasoning to comprehend** literary and informational texts, including texts in science and social studies.
- **Revise and edit** texts from multiple content areas to improve upon development, organization, and expression of ideas, and apply appropriate conventions of writing.
- **Demonstrate command of math skills and concepts** and to use this command to solve problems in science, social studies, and career-related contexts.

Redesigned SAT Requires Students To (continued):

- Make **appropriate use of evidence** as they read and write.
- **Analyze data**, including data represented graphically
- Demonstrate an **understanding of vocabulary in context** and how word choice affects meaning and tone.

Sample Question - Reading

[. . .] 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.

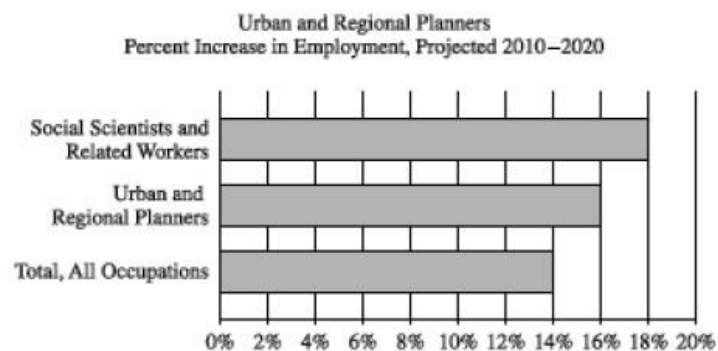
Adapted from Richard Florida, *The Great Reset*.
©2010 by Richard Florida.

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

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

Sample Question – Writing & Language

[. . .] 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.

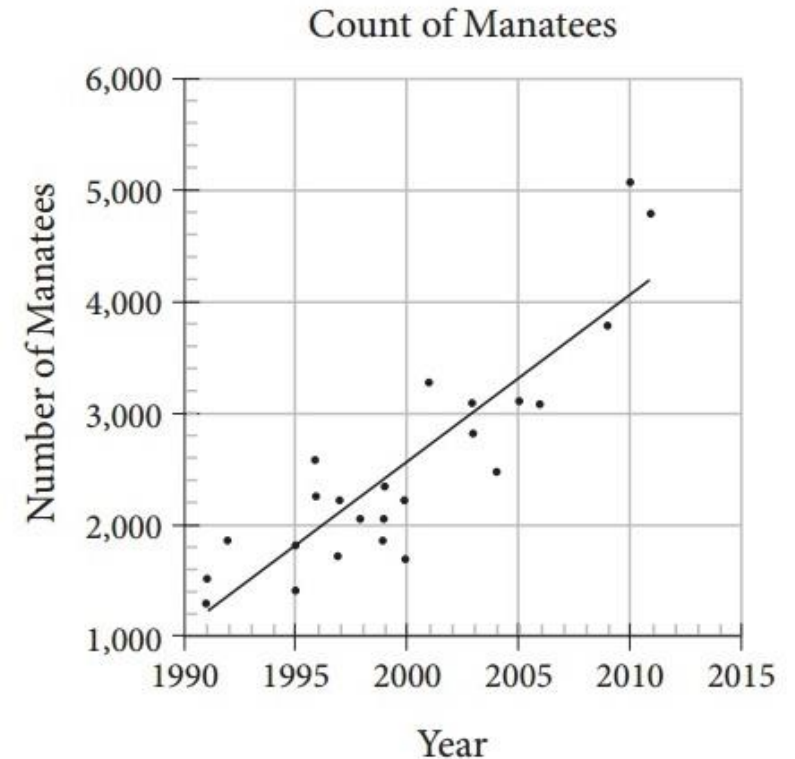
Which choice completes the sentence with accurate data based on the above graph?

- 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.

Sample Questions - Math

Aaron is staying at a hotel that charges \$99.95 per night plus tax for a room. A tax of 8% is applied to the room rate, and an additional one-time untaxed fee of \$5.00 is charged by the hotel. Which of the following represents Aaron's total charge, in dollars, for staying x nights?

- A) $(99.95 + 0.08x) + 5$
- B) $1.08(99.95x) + 5$
- C) $1.08(99.95x + 5)$
- D) $1.08(99.95 + 5)x$



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

Sample Question – Essay Prompt

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.
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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.

[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.)

Scoring

- The **total score** will be reported on a scale from 400-1600 (like the “old” scores)
 - Evidence-Based Reading and Writing (200-800 scale)
 - Math (200-800 scale)
- The **Essay** is no longer required by the College Board and is therefore reported separately from the total score.
 - Colleges will specify whether students are required to take the essay as part of their admissions process.

Scoring (continued)

- Score reports will be “enriched” to also include **Test Scores, Cross-Test Scores, and Subscores** to provide more insight into a student’s strengths and areas for improvement.
 - **Test Scores (3):**
 - (1) Reading Test Score (10-40 scale)
 - (2) Writing and Language Test Score (10-40 scale)
 - (3) Math Test Score (10-40 scale)
 - *(4)* The Essay, optional, therefore not all students will have this score (2-8 scale).*

Scoring (continued)

- **Cross-Test Scores (2):**

- (1) Analysis in History/Social Studies (10-40 scale)
- (2) Analysis in Science (10-40 scale).

Scoring (continued)

- **Subscores (7):** All on 1-15 scale
 - The Reading & Writing and Language Tests will yield two subscores
 - (1) Command of Evidence (2) Words in Context.
 - The Writing and Language Test will also yield two additional subscores
 - (1) Expression of Ideas (2) Standard English Conventions
 - The Math Test will report three subscores
 - (1) Heart of Algebra (2) Problem Solving and Data Analysis (3) Passport to Advanced Math, which includes mathematic expressions and solving quadratic and higher order equations

Final Remarks

- The College Board asserts that the best preparation for the new SAT is rigorous course work; that the alignment is more direct and relevant than it has been.
- In addition, the College Board partnering with Khan Academy for **free practice** (to launch in May, 2015).
 - Personalized online practice (dashboard) to complement classroom instruction.
 - Offers view into the design of the SAT (less of a mystery).
- Visit our district website (District/Curriculum & Instruction/SAT) for access to more information.