

# New SAT Reading Practice: Advanced Practice for High Scores

Embark on a transformative journey to master the SAT Reading section with our unparalleled practice guide. Designed for students aiming for advanced scores, this comprehensive resource provides an in-depth exploration of the complex passages and challenging questions you'll encounter on test day.

Through meticulously selected passages and expert analysis, you'll gain a profound understanding of the intricate nature of SAT Reading. Our step-by-step approach empowers you with proven strategies, equipping you to navigate even the most demanding passages with confidence and precision.



## New SAT Reading Practice Book (Advanced Practice)

by Khalid Khashoggi

★★★★☆ 4.5 out of 5

Language : English

File size : 6764 KB

Screen Reader: Supported

Print length : 142 pages

Lending : Enabled



## Unveiling the Advanced SAT Reading

Prepare for the advanced complexities of the SAT Reading section, where passages delve into nuanced themes and intricate literary devices.

Encounter passages drawn from a diverse range of disciplines, reflecting the multifaceted nature of the real SAT.

**Questions 22–32 are based on the following passage.**

This passage is adapted from Sotinya Richards, "Pleasant to the Touch," ©2012 by The Scientist.

In the early 1990s, textbooks acknowledged that humans had slow-conducting nerves, but asserted that these nerves only responded to two types of stimuli: pain and temperature. Sensations of pressure and vibration were believed to travel only along myelinated, fast-signaling nerve fibers, which also give information about location. Experiments blocking nerve fibers supported this notion. Pinching fast fibers from firing (either by clamping the relevant nerve or by injecting the local anesthetic lidocaine) seemed to eliminate the sensation of pressure altogether, but blocking slow fibers only seemed to reduce sensitivity to warmth or a small painful shock.

Håkan Olsson and his Gothenburg University colleagues Åke Vallbo and Johan Westberg wondered if slow fibers responsive to gentle pressure might be active in humans as well as in other mammals. In 1993, they recruited 28 young volunteers and recorded nerve signals while gently brushing the subjects' arms with their fingertips. Using a technique called microelectrography, in which a fine filament is inserted into a single nerve to capture its electrical impulses, the scientists were able to measure how quickly—and how slowly—the nerves fired. They showed that soft stroking prompted two different signals: one immediate and one delayed. The delay, Olsson explains, means that the signal from a gentle brush on the forearm will reach the brain about a half second later. This delay identified nerve impulses traveling at speeds characteristic of slow, unmyelinated fibers—about 1 meter/second—confirming the presence of these fibers in human hairy skin. In contrast, fast-conducting fibers, already known to respond to touch, signal at a rate between 35 and 75 m/s.

Then, in 1999, the group looked more closely at the characteristics of the slow fibers. They named these "low-threshold" nerves "C-tactile," or CT, fibers, said Olsson, because of their "exquisite sensitivity" to slow, gentle tactile stimulation, but unresponsiveness to noxious stimuli like pinpricks.

But why exactly humans might have such fibers, which respond only to a narrow range of rather subtle stimuli, was initially mystifying. Unlike other types of sensory nerves, CT fibers could be found only in hairy human skin—such as the forearm and thigh. No amount of gentle stroking of hairless skin, such as the palms and soles of the feet, prompted similar activity signatures. Olsson and his colleagues decided that these fibers must be conveying a different dimension of sensory information than fast-conducting fibers.

Although microelectrography can give information about how a single nerve responds to gentle brushing and pressure, it cannot tease out what aspect of stimulation that fiber relays, says Olsson. He wanted to know if that same slow nerve can distinguish where the brush touches the arm and whether it can discern the difference between a goat-hair brush and a feather. Most importantly, could that same fiber convey a pleasant sensation?

To address the question, Olsson's group sought out a patient known as G.L. who had an unusual nerve defect. More than 2 decades earlier, she had developed numbness across many parts of her body after taking penicillin to treat a cough and fever. Testing showed that she had lost responsiveness to pressure, and a nerve biopsy confirmed that G.L.'s quick-conducting fibers were gone, resulting in an inability to sense any pokes, prods, or pinpricks below her nose. But she could still sense warmth, suggesting that her slow-conducting unmyelinated fibers were intact.

Upon recruiting G.L., Olsson tested her by brushing her arm gently at the speed of between 2–10 centimeters per second. She had more trouble than most subjects in determining the direction or pressure of the brush strokes, but reported feeling a pleasant sensation. When the researchers tried brushing her palm, where CT fibers are not found, she felt nothing.

Olsson used functional MRI studies to examine which areas of the brain lit up when G.L.'s arm was gently brushed to activate CT fibers. In normal subjects, both the somatosensory and insular cortices were activated, but only the insular cortex (which processes emotion) was active when researchers brushed G.L.'s arm. This solidified the notion that CT fibers convey a more emotional quality of touch rather than the conscious aspect that helps us describe what we are sensing. CT fibers, it seemed, specifically provide pleasurable sensations.

Our expert annotations guide you through the intricacies of the passages, elucidating complex concepts and challenging you to engage with the text on a deeper level. Master the art of dissecting dense prose and extracting key ideas effortlessly.

## **Proven Strategies for Success**

Discover an arsenal of battle-tested strategies designed to conquer the SAT Reading section. Learn how to:

- Decipher unfamiliar vocabulary with our comprehensive word list.
- Unravel complex sentence structures with our expert parsing techniques.
- Harness context clues to unlock the meaning of challenging passages.
- Identify nuances and subtleties in literary devices and rhetorical strategies.
- Answer evidence-based questions with pinpoint accuracy.

## **Interactive Practice and Feedback**

Put your newly acquired knowledge to the test with our interactive practice exercises. Receive instant feedback and detailed explanations, guiding you towards mastery of each concept and strategy.

# SAT Reading Test Outline

## Reading



65 Minutes



52 Questions

How the Author Uses Evidence

Understanding Words in Context

Analysis in History/Social Studies and in Science

**Mometrix** TEST PREPARATION

Our adaptive learning platform tracks your progress, pinpointing areas for improvement and providing tailored feedback to accelerate your learning journey.

### Time-Tested Techniques for Passage Mastery

Delve into our time-tested techniques for mastering any SAT Reading passage:

- **Pre-Reading:** Preview the passage and activate your background knowledge.

- **Active Reading:** Engage with the text, annotating key points and unfamiliar concepts.
- **Question Analysis:** Break down questions into manageable parts and identify the information needed from the passage.
- **Answer Selection:** Evaluate answer choices carefully, using evidence from the passage to support your selection.
- **Post-Reading Review:** Reflect on your understanding of the passage and revise your answers if necessary.

## Comprehensive Question Coverage

Prepare for every question type that the SAT Reading section can throw at you:

- **Line Reference:** Pinpoint specific information within the passage.
- **Evidence Support:** Find evidence to support specific claims or inferences.
- **Inference:** Draw conclusions based on information presented in the passage.
- **Rhetorical Analysis:** Analyze the author's purpose, tone, and use of literary devices.
- **Passage Structure:** Understand how the passage is organized and how ideas are connected.

## Expert Guidance from SAT Reading Gurus

Benefit from the insights of SAT Reading experts who have guided countless students to success. Our team of seasoned educators provides:

- **In-depth video explanations:** Clarify complex concepts and strategies in an engaging and accessible manner.
- **Live Q&A sessions:** Get your questions answered directly by our SAT Reading experts.
- **Personalized feedback:** Receive tailored feedback on your practice exercises and personalized guidance on your improvement journey.

### **Testimonials from SAT Reading Success Stories**

"This practice guide was a game-changer for my SAT Reading score. The strategies were clear and effective, and the practice exercises helped me build confidence in my ability to tackle even the most challenging passages." - Emily, SAT Reading 780

"I highly recommend this practice book to anyone serious about improving their SAT Reading score. The expert guidance and comprehensive coverage gave me the edge I needed to achieve my target score." - Ethan, SAT Reading 800

### **Take the Next Step Towards Your SAT Reading Success**

Unlock your potential and conquer the SAT Reading section with our comprehensive practice guide. Experience the transformative power of our proven strategies, expert guidance, and interactive practice exercises. Free Download your copy today and embark on your journey to SAT Reading mastery.

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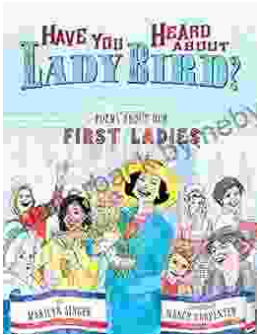
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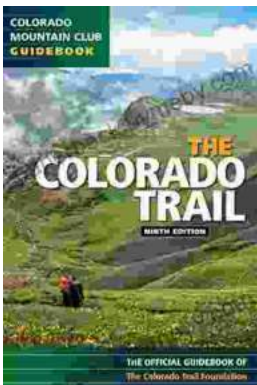
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