



Fred Lundeen

The Secret is Out!

Curricular Strategies Can Raise SAT Mathematics Scores *and* Improve Daily Classroom Performance

Discover strategies and techniques that empower students to demonstrate all that they know (and more!) on the College Board's Scholastic Aptitude Test.

*A 2-day workshop for high school mathematics teachers, test-prep teachers, counselors, and administrators who want **unique and proven strategies** that are not published or used in any other test-preparatory materials or classes*

Help students improve their SAT scores by as much as 100 points!

The SAT has long been recognized as both a major determinant and major hurdle students must master in order to qualify for admission to college and for scholarship opportunities. In recent years, many instructional aids have been offered to give students an edge for success on the test. Many schools now offer SAT Preparation classes. However, the missing component thus far has been a **comprehensive approach that teachers can use as part of their daily curriculum** to maximize student scores on the SAT. Now a successfully proven set of strategies is available to take all the mystery out of the SAT for both teachers and students!

Students who have incorporated these strategies have improved their SAT Mathematics pre-test scores by well over 100 points in the final testing *and* have also improved their understanding of mathematics in the classroom. The teaching techniques demonstrated and practiced in the workshop can be used in *all* college-prep mathematics classes, as well as in courses dedicated to SAT preparation. Each participant will leave the workshop with **lesson plans, ready-to-use student handouts, and solutions and answer keys** to the most currently published SAT exams "with all work shown!" The approaches used are unique methods found only in this workshop.

In This Workshop You Will Discover:

Secrets of the SAT: Teach students to . . .

- Discover how the College Board prepares questions, sequences questions, and forms response patterns.
- Decipher the logic of SAT questions.
- Manage test time effectively.
- Select the perfect numbers to use in fraction problems.
- Avoid time-wasting guesses.
- Develop pattern reasoning.
- Choose the perfect number to try after seeing the response choices.
- Avoid adding confusing information to "givens."
- Recognize extraneous material in problems.
- Know when not to use the formulae given at the beginning of the test.

Shortcuts and "back doors" to use in solving problems involving . . .

- Altitude
- Numerical and algebraic comparison
- Geometric comparison
- Consecutive number sums
- Multiple ratios
- Averages
- Greatest possible value
- Fractions
- Comparative substitutions
- Prime numbers
- Area and perimeter
- Binomials

How to solve every kind of problem given on the SAT algebraically *and* geometrically

- Discover which right triangles are the only ones ever used on the SAT.
- Select the perfect right triangles to use in solving problems.
- Determine how to set up geometry problems.
- Efficiently solve shaded-area problems.
- Distinguish when and how to measure in geometry problems.
- Find out which prime numbers are the only ones used on the SAT.
- Learn how to use prime numbers in comparison problems.
- Uncover the secrets to common denominator problems.

Answers to common and uncommon questions

- Can we teach reasoning using the SAT?
- Should students answer all the questions?
- When should students guess?
- Are there problems that are repeated from test to test?
- How are comparisons solved when they look equal?
- What is the true relationship between perimeter and area? [Answer: None!]
- When is it necessary to square a binomial on the SAT? [Answer: Never!]

NEW!

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Mathematics
Grades 9-12
2 Days