

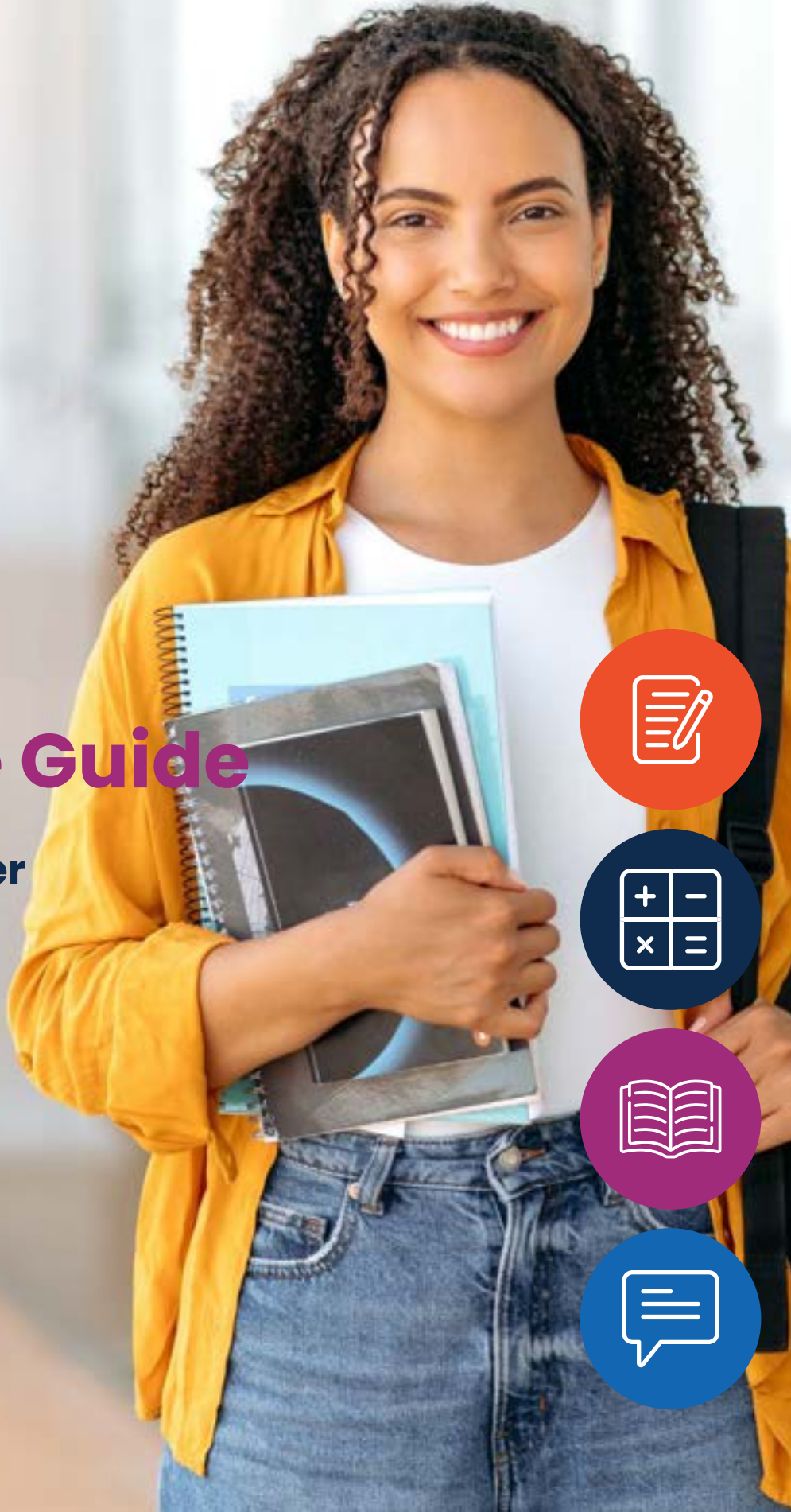


The SSAT

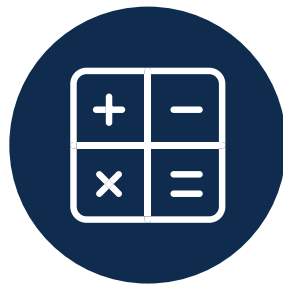
2024-2025

# Interpretive Guide

For the Middle & Upper  
Level SSATs



The Enrollment Management Association is pleased to provide this guide in order to acquaint member schools and organizations with various aspects of the Secondary School Admission Test (SSAT) and to provide guidelines for the interpretation and use of test scores. For more than 50 years, the SSAT has been used to help students and schools make critical decisions about applying and admission. Sections of the SSAT measure verbal and mathematical ability and reading comprehension. The test also includes an unscored, timed writing sample, which is sent to schools with the student's score report to supplement the student's application for admission. Each student takes the SSAT under standardized testing conditions and is given the same amount of time and instruction (exceptions are made for those who qualify for testing accommodations). This guide contains information for the Middle and Upper Level exams for students in grades 5–11.



The **Enrollment Management** Association

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# Introduction

The Interpretive Guide for the Middle and Upper Level SSATs has been prepared to assist with the interpretation of SSAT results. Although this guide does not cover all aspects of the psychometric data that is available about the SSAT, it does provide information that can help admission officers and educators with those aspects of the test that are most useful to them. In addition, this guide contains general information about the SSAT.

## Purpose of the SSAT

The SSAT is designed for students who are seeking entrance to independent schools in grades 4 to PG in the U.S., in Canada, and worldwide. The purpose of the SSAT is to measure the basic verbal, quantitative, and reading skills students develop over time that are needed for successful performance in independent schools. The SSAT provides independent school admission professionals with meaningful information about the possible academic success of potential students at their institutions, regardless of students' background or experience.

The SSAT is not an achievement test. It is not designed to measure the extent of knowledge about a specific curriculum that has been covered in class. Further, SSAT tests are not designed to measure other characteristics, such as motivation, persistence, or creativity, that may contribute to a student's success in school.

## Test Development Process

SSAT test items are written by test development specialists and subject matter experts. Our test editors review all test material for any questions that may be inappropriate for various subgroups of the population. In addition, questions are reviewed for ambiguities to ensure that there is only one "best" response for each item.

In order to develop a pool of items for future tests, the Middle and Upper Level SSATs contain a brief experimental section. These questions have been developed, scrutinized, and determined to meet SSAT standards. Each test question is then analyzed statistically to determine its usefulness. Satisfactory items become part of the item pool from which new editions of the test are assembled. Unsatisfactory items are discarded or rewritten. Rewritten items are subject to the review and pretesting process again. These experimental questions are not part of a student's score.

## Test Specifications

This guide contains information on two levels of the SSAT. The Middle Level test is administered to students in grades 5–7, and the Upper Level test is administered to students in grades 8–11.

The SSAT consists of four multiple-choice sections with a testing time of 30 minutes for the verbal and each of the two quantitative sections, and 40 minutes for the reading section. These sections yield four scores:

- Verbal
- Quantitative (Math)
- Reading Comprehension
- Total (Verbal + Quantitative + Reading)

In addition, each administration of the SSAT includes a 25-minute writing sample. Writing samples are not scored but are submitted to score recipients to supplement a student's application. The total testing time for a standard SSAT administration is 185 minutes, including the experimental section and two breaks.

Samples of SSAT question types are provided on the SSAT website and in *The Official Study Guide for the Middle Level SSAT* and *The Official Study Guide for the Upper Level SSAT*. These publications are available for purchase through the SSAT website, [www.ssat.org](http://www.ssat.org).

Content and statistical specifications can help ensure that the test measures the intended construct for the target population, that multiple forms are built to the same blueprint, and that scores earned on different forms are comparable after score equating. Items are scrutinized according to a number of factors so that content, skills measured, and overall difficulty of items are consistent in all test editions. A brief description of content specifications for each section of the SSAT follows.

## Verbal Section

The verbal section of the test consists of 30 synonym questions and 30 analogy questions. The synonym portion measures verbal ability. The analogy portion measures a student’s proficiency in identifying logical relationships between words and concepts.

The verbal section is not intended to be a test of vocabulary only and therefore includes common words that are expected to be familiar to the average SSAT test taker.

Both types of verbal items—synonyms and analogies—are carefully balanced to avoid advantage or disadvantage to students whose interests and backgrounds may have led them to read more or acquire a large vocabulary in specific areas.

## Quantitative Section

The SSAT includes two quantitative sections containing 25 questions each. The quantitative score is comprised of all 50 questions in the two sections. The questions are designed to measure understanding of mathematical concepts, computation, routine mathematical manipulations, and problem solving, as well as some recall of basic nomenclature and rules. The SSAT questions vary in difficulty and measure different levels of understanding. Depending upon the student’s experiences in school, some concepts may be unfamiliar.

The questions in this section are drawn from the following areas:

- Algebraic word problems
- Equations and inequalities
- Rates, ratios, proportions, and percentages
- Slope of lines, parallel and perpendicular lines\*
- Functions, algebraic graphics, and tables\*
- Nonlinear expressions and equations (exponents, polynomials and factoring, quadratic equations, rational expressions, and equations)\*
- Angle and line relationships
- Properties of triangles and quadrilaterals
- Area and circumference of circles
- Area and perimeter of polygons
- 3D geometry: Volume and surface area
- The Pythagorean Theorem\*
- Coordinate geometry and transformations\*
- Arithmetic word problems
- Basic computation, absolute value, and the order of operations
- Estimation
- Number sense and number theory concepts
- Systematic counting and simple probability
- Overlapping sets
- Mean, median, mode, range
- Interpreting data graphs and frequency tables
- Sequences and patterns
- Visual-Spatial reasoning
- Puzzle problems / Logical reasoning\*

\*Upper level only

## Reading Comprehension Section

The reading comprehension section consists of 40 questions based on reading passages that generally fall into the categories of narrative (literary fiction, novels, short stories, poems) and argument (the presentation of an obvious and definite point of view on some subject, such as essays). The subject matter of the reading passages is drawn from the following general fields: humanities (such as art, biography, and poetry), social studies (such as history, economics, and sociology), and science (such as medicine, astronomy, and anthropology). The passages cover a variety of sources and subject areas so that examinees will not be at an advantage or disadvantage as a result of encountering material related to an area with which they may or may not be familiar. The passages vary in length but are typically 100 to 350 words.

The reading comprehension questions, designed to measure a student’s ability to understand and assimilate what has been read, ask the test taker to:

- Recognize the main idea
- Locate details
- Make inferences
- Derive the meaning of a word or phrase from its context
- Determine the author’s purpose
- Determine the author’s attitude and tone
- Understand and evaluate opinions/arguments
- Make predictions based on information in the passage

## Writing Section

The SSAT includes an unscored writing sample that is sent to schools with the student’s score report. The Middle Level exam includes two prompts: one creative and one essay, from which the student will choose one. The Upper Level writing section presents two essay prompts: one personal and one general, from which the student will choose one. All students have 25 minutes to complete the writing portion of the exam. The writing sample can be up to two pages long.



# Administration of the SSAT

## Test Security

The SSAT is a secure test. The integrity of the test prior to and following a test administration is strictly maintained. Testing centers must meet rigid standards and comply with established rules for the receipt, storage, administration, and return shipment of test materials.

## Uniform Conditions

The SSAT is a standardized test. Test development, interpretation of scores, and test administration are managed in a prescribed way. To ensure that scores earned by examinees at different administrations are strictly comparable, the Test Administrator’s Guide to the SSAT provides precise instructions, to be followed by qualified and experienced test administrators, from the moment the student is admitted to the test center until the time of dismissal. Any deviations from the uniform testing conditions are reported in writing to The Enrollment Management Association. Each report is reviewed by The Enrollment Management Association and issues and/or problems are resolved.

## Testing Accommodations

A student with a disability may apply for testing accommodations for administrations of the SSAT. Students requiring testing accommodations such as extra time, large print, or Braille editions of the test, for example, may be accommodated, pending application and submission of documentation (if applicable).

Additional information regarding application for testing accommodations is available on the SSAT website: [www.ssat.org/TA](http://www.ssat.org/TA).

# Reporting SSAT Scores

There are two types of scored test administrations—paper based and computer based. Computer-based testing is available at Prometric test sites and through the SSAT at Home, the at-Home administration of the SSAT. Paper-based testing is available through member schools, on six scheduled test dates at select locations, or on an as-needed basis.

School scores for paper-based tests are routinely reported online ten days after the test. For computer-based tests, scores are routinely reported online weekly on the Wednesday following the Monday through Sunday test date range. Score reports to students are routinely reported the same day they are available to schools.

## Score Reports

The SSAT score report is available to schools, educational consultants, and educational organizations. Parents, guardians, students, or advisers designate school score report recipients. A separate score report is provided to the test taker. Score reports to test takers do not contain any school-specific information.

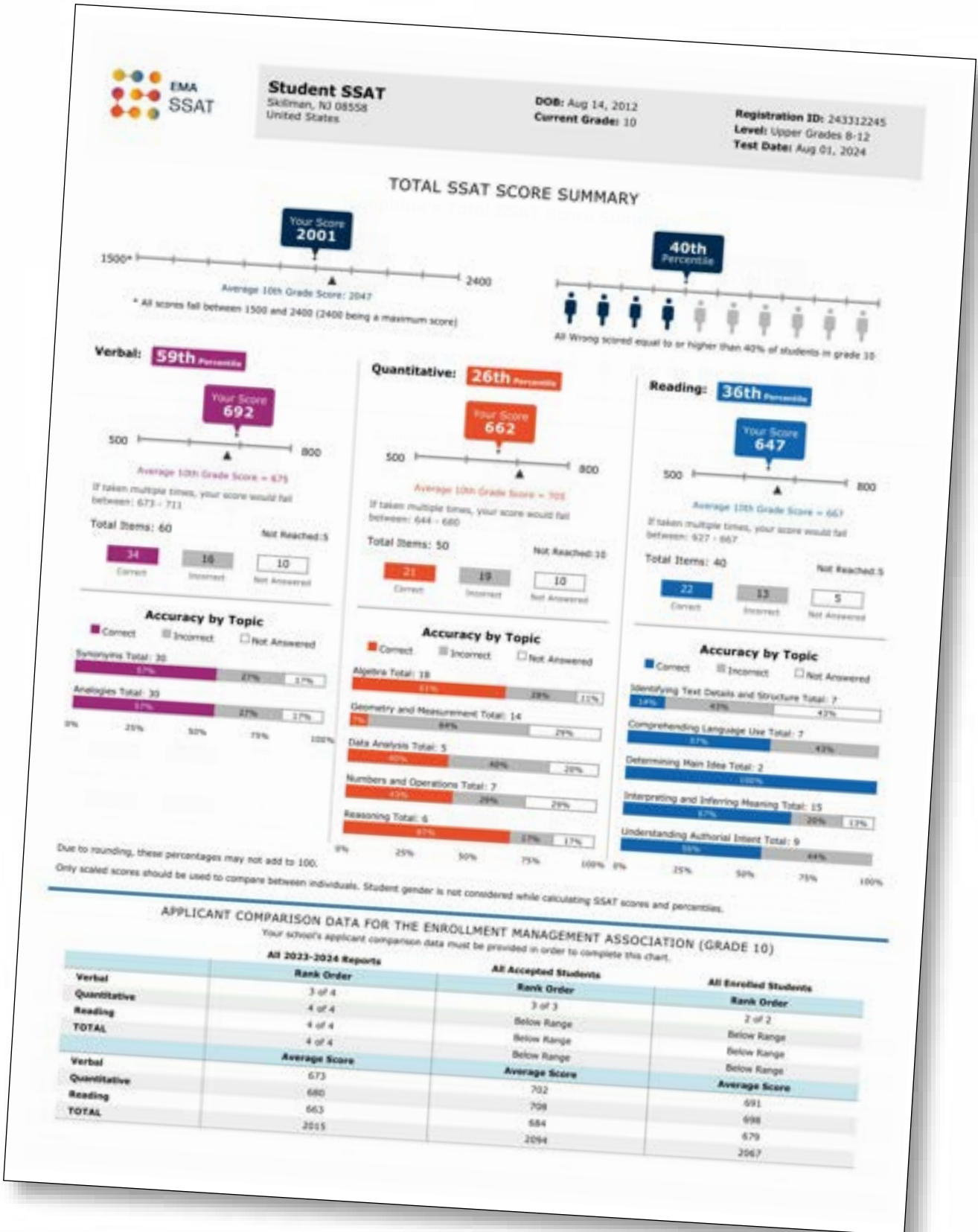
SSAT scores are reported to schools online in exportable rosters and as individual report PDFs.

EMA Members should only use official SSAT score reports in their decision making. Official SSAT score reports are only those delivered through your MAP or through EMA’s official APIs directly to you from EMA. Family score reports from third parties or families should not be accepted as PDF files are easily manipulated.

EMA understands that for preliminary information, schools sometimes accept unofficial score reports. We do not recommend this, however, if you do, EMA strongly recommends that you validate any self-reported, preliminary information with an official SSAT score report before making final admission decisions. It is also best to advise candidates of this validation requirement.

Context is a key component to effective interpretation of test scores. To increase support for SSAT score interpretation, school applicant comparison context data is added to the school score reports following the school’s submission of data on accepted and enrolled students. For the 2024–2025 year, the scores of a test taker are placed in many different contexts on the school score report.

# School Score Report Sample





# School Score Report Sample (cont.)



# SSAT Writing Sample

Page 2

Use Pencil Only.

## Writing Sample

Schools would like to get to know you better through a story you tell using one of the ideas below. Please choose the idea you find most interesting and write a story using the idea as your first sentence. Please fill in the circle next to the one you choose.

I put my hand in my pocket and pulled out ...

All I wanted was a glass of water.

Use this page and the next page to complete your writing sample.

I put my hand in my pocket and pulled out a crumpled piece of paper. I didn't remember putting it there. I carefully opened it, and it was a treasure map! I put it back in my pocket and ran to get my friends Anna and Paul. They lived in this neighborhood their whole lives and would recognize the landmarks. They were as excited as I was! The map started at the big tree by the stream. We followed the stream until we came to the bridge. We crossed over and followed the path through the woods. At the abandoned house, we turned left and headed down the bike path.

Continue on next page

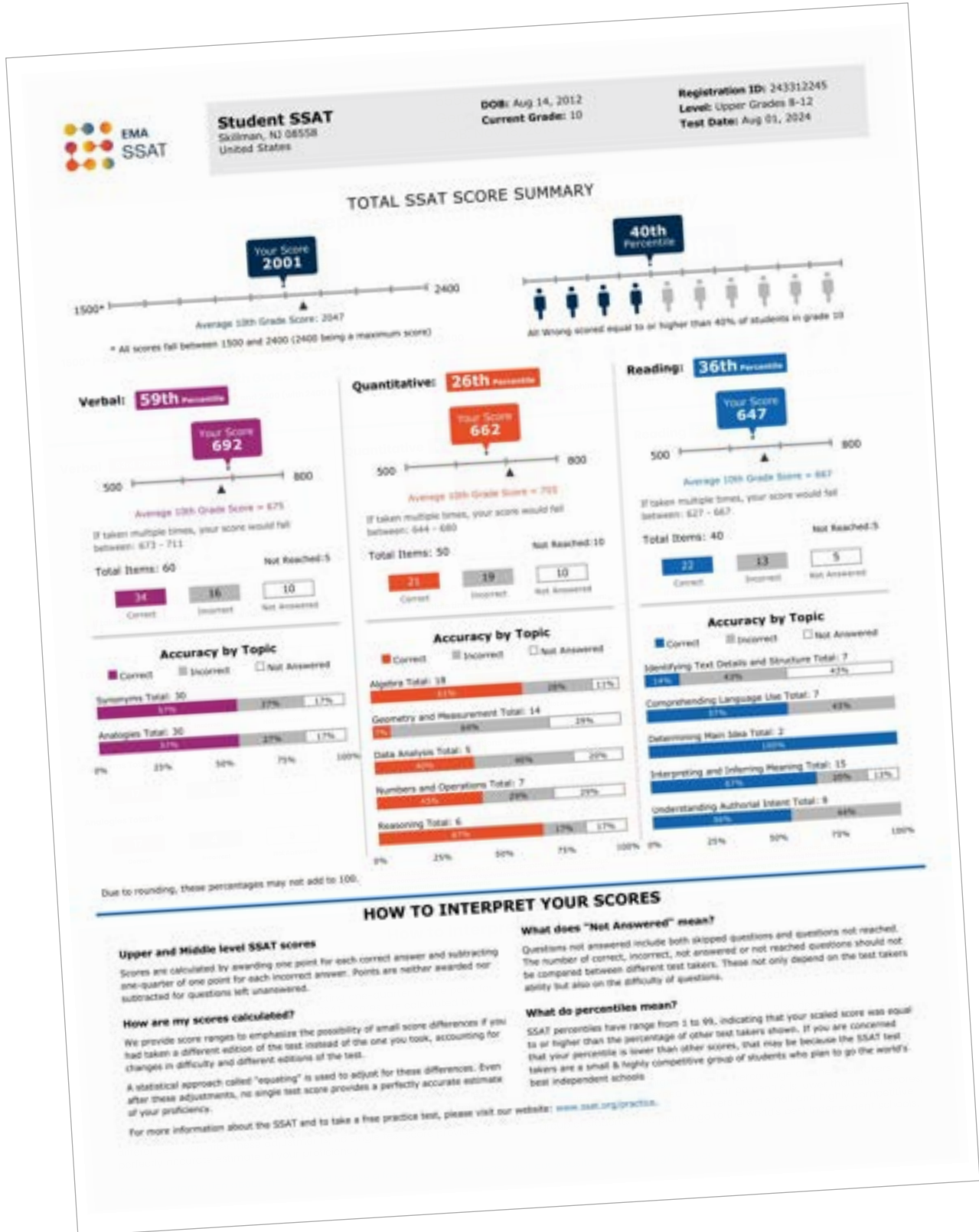
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Page 3

Anna was getting worried.  
"No one knows where we are.  
Where did the map come from?"  
Just then we saw the  
tree house the map pointed  
to. What was in the tree  
house? We looked around, but  
didn't see any one. I climbed  
up first, and didn't give  
away what I found until  
both Paul and Anna were in  
the treehouse with me. It was  
my little brother with a  
plate of cookies! My brother  
and dad built the treehouse  
in the field behind our  
house. Now we all had a  
place to play.

# Family Score Report Sample

The family score report is available to families online for free. A hard copy of the score report can be mailed to a family for an additional fee.



# Family Score Report Sample (cont.)

The family score report is available to families online for free. A hard copy of the score report can be mailed to a family for an additional fee.



# Interpreting SSAT Scores

## Raw Scores

Scores for the Middle and Upper Levels are calculated by adding one point for each correct answer and zero points for each omitted question, and by subtracting one-quarter of one point for each incorrect answer. The number of answers scored as right, wrong, and omitted on each subsection of the test constitute the raw score for that subsection (subscore). Raw scores from different editions of the test cannot be compared directly to each other.

## Scaled Scores

The raw score is converted to a score on the 440–710 Middle Level scale or 500–800 Upper Level scale, which is called the scaled score. This is the score that appears on the student’s score report. The scaled score yielded by a raw score can vary slightly from one edition of the test to another. This is due to small differences in difficulty among different editions. A statistical procedure called “equating” is used to adjust for these small differences. See “Score Equating” on page 17 for more details.

## Range of Scaled Scores

In reality, a perfectly reliable test is never realized. Standard Error of Measurement (SEM) measures how a student’s observed test scores vary from his or her “true” score (see “True Score” on page 20). This is why ranges of scaled scores are provided in the score reports, to emphasize the possibility of score differences due to SEM. See “Standard Error of Measurement” on page 19 for more details.

The crucial use of the SEM is to treat each scaled score as a band rather than as a point when using scores to make decisions about test takers. It is a common practice to extend the band one SEM above the obtained score and one SEM below the obtained score. For example, the SEM of the Upper Level test is 19 on the verbal section. If a student gets a scaled score of 698 on verbal, there is a 68% chance that his/her score will fluctuate between 679 and 717 if he or she takes the test again.

## Norms and Percentiles

The SSAT is a norm-referenced test. A norm-referenced test interprets an individual test taker’s score relative to the distribution of scores for a comparison group, referred to as the norm group. The SSAT Middle Level and Upper Level test norm groups consist of all the first-time test takers (same grade level) who took the test on a Standard test date typically within the past three-year period in the U.S. and Canada. For students who tested multiple times, only the first test scores are used to calculate the ranking percentile.

The SSAT reports percentiles. The percentile is the percentage of students in the norm group whose scores fall at or below a particular scaled score. For example, if an 8th grade student’s scaled score is 698 and his/ her percentile is 67 on the verbal section, it means that 67% of verbal section scores of all the other 8th grade students (who took the test for the first time on a Standard test date over a three-year period in the U.S. and Canada) fell at or below 698.

Tables 1 to 7 (pages 21 to 28) provide percentiles for grades 5 through 11.

## Average Scores

The average of a group of scores provides a useful reference point when considering an individual score (e.g., above average, below average) for a test taker’s grade. The average scores shown are for all first-time test takers testing in the U.S. and Canada on a Standard test date over a three-year period of the same grade as the reported test taker. For students who tested multiple times, only the first test scores are used to calculate the average score.

## Questions Not Answered

Questions not answered includes both omitted questions and questions not reached. Omitted questions are questions test takers are able to reach but choose not to answer after consideration. For example, if a test taker does not answer question #10 but answers questions 11, 12, 13, etc., question #10 is counted as an omitted question. Questions not reached refers to those questions (usually near the end of a section or a test) that test takers are not able to reach because they run out of time. For example, if a test has 50 questions, and a test taker does not answer questions 46–50, questions 46–50 are counted as not reached.

The SSAT is designed to ensure that test takers have sufficient time to consider every question on the test. The number of not reached questions is generally very low.

## School-Specific Context Data

Context is a key component to effective interpretation of test scores. The most important context for interpretation of test scores and other information is your school; thus your school's context data is added to each test taker's SSAT score report if your school reports its accepted and enrolled data to The Enrollment Management Association. The contexts included on the school score report place the test taker's scores into the school's environment, providing a much more meaningful comparison. School score reports are specific to each school and include context data for that school.

### School Context: All 2023–2024 Reports

This table places the test taker's scores in the context of all of the same-grade test takers who sent scores to your school in the last admission year. The reported test taker's scores can be compared directly with those of all of the same-grade test takers' scores received by your school last year. Also shown are the mean (average) scores for all of the same-grade test takers whose scores your school received in the last admission year.

### School Context: 2024 Accepted Students

This table places the test taker's scores in the context of all scores of the same-grade test takers accepted by your school in the last admission year. Also shown are the average scores for all of the same-grade test takers accepted by your school in the last admission year. (If your school does not participate in the Applicant Comparison Data share, these fields are blank.)

### School Context: 2024 Enrolled Students

This table places the test taker's scores in the context of all of the same-grade test takers enrolled by your school in the last admission year. Also shown are the average scores for all of the same-grade test takers enrolled by your school in the last admission year. (If your school does not participate in the Applicant Comparison Data share, these fields are blank.)

## SSAT Subject Areas

SSAT results are reported in the following subject areas:

### Verbal

**Synonyms**—These questions test the student's verbal capability.

**Analogies**—These questions test the student's ability to relate ideas to each other logically.

## Quantitative

- **Algebra**—These questions cover topics in algebra including use of variables in solving equations and inequalities, algebraic word problems, working with expressions, and proportional reasoning. The upper level SSAT also includes the slope of a line; relationships between functions, graphs, and tables; and nonlinear relationships such as laws of exponents, working with polynomials and factoring, quadratic equations, radical expressions and equations, and rational expressions and equations.
- **Geometry and Measurement**—These questions cover topics in geometry including angle, line, and shape relationships; the measurement of two-dimensional and three-dimensional shapes; and unit conversions of length, weight, capacity, temperature, and time. The upper level SSAT also assesses topics in coordinate geometry and transformations, and the Pythagorean Theorem.
- **Numbers and Operations**—These questions deal with equivalent forms of numbers, comparisons between numbers, recognizing parts of numbers, and using operations with numbers (including with estimation). Whole numbers, decimals, fractions, integers, and irrational numbers are all assessed in this domain.
- **Data Analysis**—These questions cover topics in data analysis, including data graphs and tables; and statistical measures such as mean, median, mode, and range. Other topics that may also be covered include simple probability, systematic counting, and overlapping sets.
- **Reasoning**—These questions assess a student's ability to apply various forms of reasoning to a collection of statements, and possibly figures. Topics include extending patterns, and using visual-spatial reasoning to determine a different representation of a geometric figure. The upper level SSAT also assesses the use of logical reasoning to a collection of statements in order to deduce an unstated relationship between those statements.

## Reading Comprehension

- **Determining Main Idea**—These questions require students to recognize the main idea of a passage either by choosing a main idea statement or by choosing a title for the passage that most appropriately describes the author's main point.
- **Identifying Text Details and Structure**—These questions require students to recall and comprehend key details from specific places within a passage, to synthesize information from the passage as a whole, or to identify the structure of the passage.
- **Comprehensive Language Use**—These questions either require students to determine the meaning or usage of a word using context from the passage, or to identify and understand the use of figurative language.
- **Interpreting and Inferring Meaning**—These questions require students to reason, draw inferences, and interpret in order to recognize meaning not directly stated in a passage.
- **Understanding Authorial Intent**—These questions require students to go beyond the passages themselves and identify the authors' purpose for writing, their tone or attitude about a subject, or their writing strategies in word choice or structure.

For each subject area, the score report provides:

- The number of questions answered correctly
- The number of questions answered incorrectly
- The number of questions omitted
- The number of questions not reached at the end of each test section

It is recommended that schools use this information to understand a child's scores in more depth. For instance, a low reading comprehension score could indicate either a reading problem or a slower reading speed. A score report may reflect the latter in the number of items not reached as compared to the total number of questions omitted in the entire section.



# Statistical Terms and the SSAT

## Score Equating

Different SSAT forms are built and administered to students each year. Although test developers follow prescribed specifications when they assemble new forms so that different forms can be parallel in difficulty as much as possible, in reality it is inevitable that there are variations in form difficulty. A statistical procedure referred to as score equating is used to adjust for minor form difficulty differences, so that scores reported to students taking different forms are comparable.

## Mean

The mean of a group of scores is the arithmetic average. Computing the mean is a useful way to determine the average of a group for most kinds of measurement. The mean becomes a more useful and reliable measure as the size of the group upon which it is based increases. It is determined by adding the scores and dividing by the number of scores in that group.



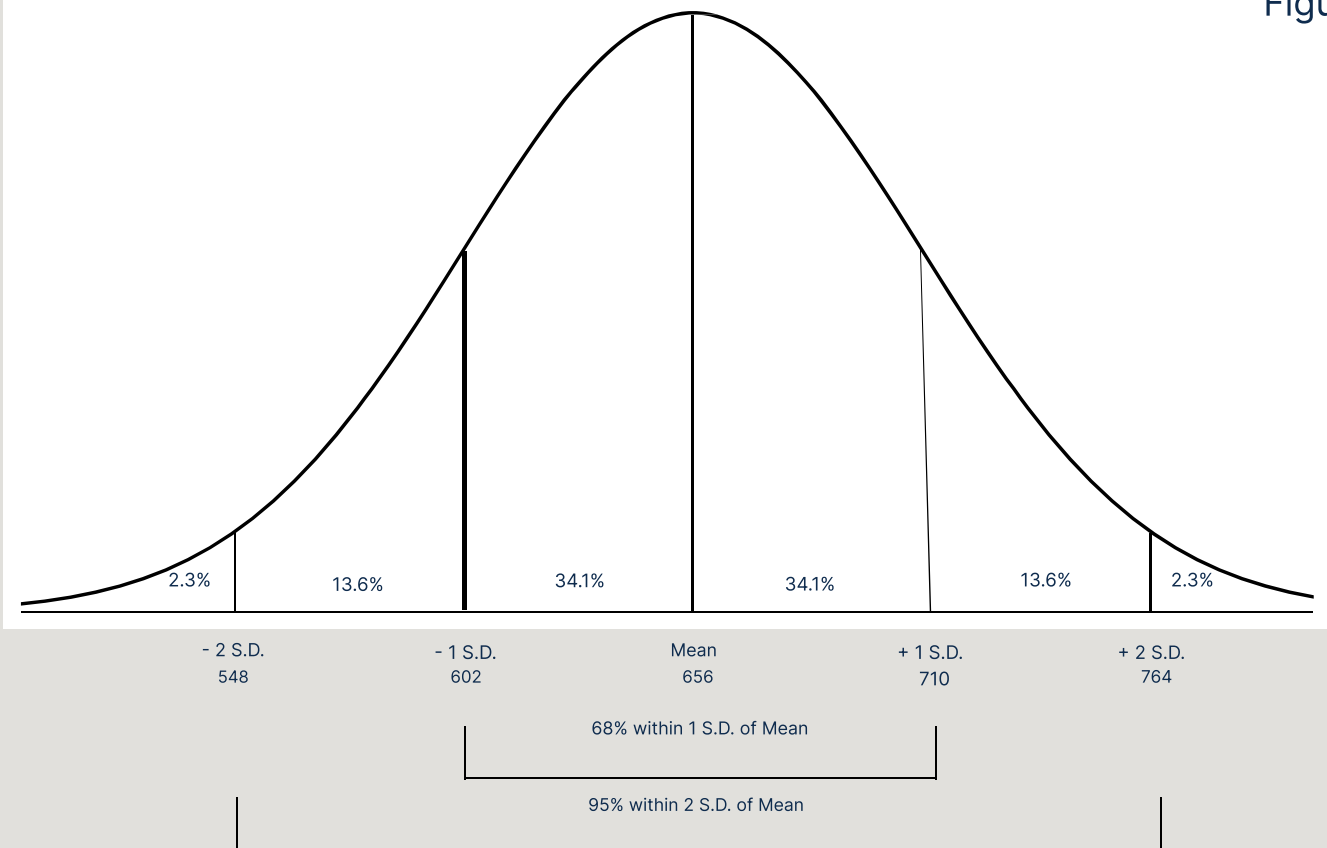
## Standard Deviation

The standard deviation is a statistic that indicates how much variation exists in a set of scores. A group with many high scores and many low scores will have a large standard deviation. A group of scores that are all close together will have a small standard deviation. If a group of scores has a normal distribution (the familiar bell-shaped curve), as is the case for national norm groups on many tests, about 68% of scores will fall within one standard deviation of the mean. About 16% of the scores will be more than one standard deviation below the mean score, and about 16% will be more than one standard deviation above the mean.

Figure 1 illustrates the relationship between standard deviation and test scores. The mean score for this test is 656, and the standard deviation is 54 points. One standard deviation above the mean is a score of 710, and 34% of the test-taking population earn scores that are between 656 and 710. Similarly, another 34% of the population score within one standard deviation below the mean, or between 602 and 656. This means that 68% of the test-taking population score within one standard deviation (54 points) above or below the mean score (656), or between 602 and 710. More than 26% score between one and two standard deviations above or below the mean, so a total of 95% of the test takers score within two standard deviations of the mean, or between 548 and 764. Notice that less than 5% of test takers score more than two standard deviations above or below the mean.

An understanding of how means and standard deviations are related can help you to compare how students perform relative to the entire test-taking population and may help you to identify those who are “average,” “above/below average,” or “exceptional” in either direction. You may be aware that a score of 770 on the reading comprehension section is very good. However, when you consult Figure 1, you will see that such a score is greater than two standard deviations above the mean and that you have before you a student who has scored in the top 2% of all test takers.

Figure 1



## Reliability of Test Scores

Reliability is the tendency of test scores to be consistent on two or more occasions of testing if there is no real change in the test taker’s abilities. Most concern focuses on reliability as it involves the specific questions that a student answers. As the questions on a particular test represent a mere sample of the many questions that could possibly have been included, one must consider how closely the test results agree with the results that would have been produced by a different set of similar questions.

For scaled scores, a reliability coefficient of 1.00 indicates perfect reliability; a coefficient of .00 indicates no reliability at all. The Middle Level SSAT tests have reliability coefficients ranging between .82 and .93. The Upper Level SSAT tests have reliability coefficients ranging between .82 and .94.

## Standard Error of Measurement (SEM)

Standard Error of Measurement (SEM) does not mean that someone has made a mistake in administering or scoring the test. It only means that students’ scores on a test tend to differ somewhat from the scores they would earn if the test were perfectly reliable (true score). In reality, however, a perfectly reliable test is never realized. Standard Error of Measurement (SEM) measures how a student’s test scores vary from his or her “true score” (see “True Score” on page 20).

The crucial use of the SEM is to treat each scaled score as a band rather than as a point when using scores to make decisions about test takers. It is a common practice to extend the band one SEM above the obtained score and one SEM below the obtained score. For example, the SEM of the Upper Level test is 19 on verbal. If a student gets a scaled score of 698 on verbal, there is a 68% chance that his/her score will fluctuate between 679 (one SEM below 698) and 717 (one SEM above 698) if he or she takes the test again.

The chart that follows specifies the Standard Error of Measurement for each section of the test.

Section	Upper Level Test SEM	Middle Level Test SEM
Reading Comprehension	20 points	18 points
Verbal	19 points	15 points
Quantitative	18 points	14 points

## Standard Error of Difference (SED)

Because test scores are not perfect measures of ability, we expect an examinee’s scores to differ if the person takes the test more than once (see “Standard Error of Measurement” above). In the same way, we should expect the scores of two examinees of equal ability to differ. The Standard Error of Difference (SED) is an index of the average-sized difference that we would expect between test scores of two examinees of equal ability. If the test scores of two examinees differ by less than the SED, there is no substantial evidence that the two examinees differ in ability. As the test scores differ by an amount greater than the SED (say, 1.5 the SED), then we may have confidence that the two individuals truly differ in ability as measured by the test.

The SED is calculated as  $\sqrt{2} \times \text{SEM}$ . For example, the SEM of the SSAT Upper Level test is 19 points on verbal.

The SED is roughly 28 points. If two individuals’ verbal scores differ by more than 42 points (1.5 times the SED), then we may have confidence that the two individuals truly differ in their verbal abilities as measured by the SSAT.

## True Score

True score is a hypothetical concept indicating what an individual’s score on a test would be if the test were perfectly reliable. It is thought of as the hypothetical average of an infinite number of obtained scores for a test taker with the effect of practice removed.

## Validity

Test validity refers to the degree to which evidence exists to support the interpretation of test scores for particular purposes. It is important to note that we validate a test score for a particular use (e.g., admission, placement) and that validity is not the property of a test in and of itself. This means that as opposed to talking about a test as simply valid or not valid, one should instead state, for example, “There is a great deal of validity evidence to support the use of SSAT scores for independent school admission decisions.” This also represents the notion that validity is a matter of degree and not absolute. It is therefore very important to gather validity evidence over time to either enhance, confirm, or contradict previous findings.

There are various sources of validity evidence that can be examined, such as the content tested (e.g., subject area and types of items), the internal structure of the test (e.g., reliability and other psychometric properties), and relationships between the test scores and other variables (e.g., correlations with the outcomes the test is expected to predict). The SSAT is primarily used in making independent school admission decisions. For that reason, admission officers are interested in its ability to predict first-year school grades. In spring 2015, The Enrollment Management Association conducted a predictive validity study. We received responses from 59 schools, with 2,918 Middle Level students and 13,744 Upper Level students.

The results showed that both Middle and Upper Level SSATs are strong predictors of the first year GPA (FYGPA). The correlation coefficients of individual section scores (verbal, quantitative, and reading) with FYGPA range from 0.44 to 0.53 for the Middle Level test, and from 0.44 to 0.50 for the Upper Level test. The total SSAT score (V, Q, R) correlates even higher: 0.54 for the Middle Level and 0.53 for the Upper Level.

## Test Speededness

The SSAT began a transition from a speeded to a non-speeded test in the 2003–2004 test year. The transition was completed in the 2004–2005 test year.

A test section is speeded to the extent that performance on it is determined by the number of questions examinees have time to answer. There is no single criterion to determine test speededness, but several criteria can be used together. One measure is provided by the percent of test takers who reached at least three-quarters of the questions in a timed section. A test section may be regarded as being virtually unspeeded if essentially all test takers reach at least three-quarters of all the items in that section.

In the 2004–2005 test year, all sections of the SSAT were essentially unspeeded. For example, a typical Upper Level form, analyzed for grade 8 students, shows that three-quarters of the items in the verbal section were reached by 99.9% of the students, 99.7% for the quantitative sections, and 99% for the reading comprehension section. Corresponding percents for grade 6 students who took the Middle Level form are 99.9% (verbal), 99.9% (quantitative), and 97.7% (reading).

# Appendices

## Appendix A:

### SSAT Program Norms by Grade

The norms presented in the following tables are based on first-time test takers who tested at a United States or Canadian Standard administration of the Secondary School Admission Test between August 1, 2021, and July 31, 2024. If a student tested multiple times, only the first test scores were used to calculate the norms. They are not representative of students in general throughout the country, nor are they representative of all students enrolled in independent schools.

Percentiles reported on individual score report forms are based on the performance of students of the same grade and may be found in the following tables. EMA now provides only scores based on mixed gender scores.

### Guide to Reading Tables

Verbal	_____	V
Quantitative	_____	Q
Reading Comprehension	_____	R

# Table 1

## PERCENTILE RANKS ON THE SSAT

### 5th Grade – VERBAL, QUANTITATIVE, READING AND TOTAL

Based on United States and Canadian First Time Test Takers August 2021–July 2024

Scaled Score	SSAT Percentile			Scaled Score	SSAT Percentile			Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile
	V	Q	R		V	Q	R								
710	99	99	99	572	27	30	36	2130	99	1926	82	1722	29	1518	1
707	99	99	99	569	25	26	34	2127	99	1923	82	1719	28	1515	1
704	99	99	99	566	24	25	31	2124	99	1920	81	1716	28	1512	1
701	99	99	99	563	22	22	29	2121	99	1917	81	1713	27	1509	1
698	98	98	99	560	20	20	27	2118	99	1914	80	1710	26	1506	1
695	98	98	99	557	18	18	25	2115	99	1911	80	1707	25	1503	1
692	98	97	98	554	17	17	23	2112	99	1908	79	1704	25	1500	1
689	97	97	98	551	15	15	22	2109	99	1905	78	1701	24	1497	1
686	96	96	97	548	13	13	20	2106	99	1902	78	1698	23	1494	1
683	96	95	97	545	12	11	18	2103	99	1899	77	1695	22	1491	1
680	95	94	96	542	11	10	16	2100	99	1896	76	1692	22	1488	1
677	94	93	95	539	10	9	15	2097	99	1893	76	1689	21	1485	1
674	93	92	94	536	8	8	13	2094	99	1890	75	1686	20	1482	1
671	92	91	94	533	7	6	12	2091	99	1887	74	1683	19	1479	1
668	91	90	92	530	6	6	11	2088	99	1884	74	1680	19	1476	1
665	90	89	92	527	5	5	9	2085	99	1881	73	1677	18	1473	1
662	89	88	92	524	5	4	8	2082	99	1878	72	1674	18	1470	1
659	88	87	89	521	4	3	7	2079	99	1875	72	1671	17	1467	1
656	87	86	89	518	3	3	6	2076	99	1872	71	1668	16	1464	1
653	86	84	87	515	3	2	5	2073	99	1869	70	1665	16	1461	1
650	84	82	86	512	2	2	4	2070	99	1866	70	1662	15	1458	1
647	83	80	85	509	2	1	3	2067	98	1863	69	1659	14	1455	1
644	81	79	84	506	2	1	2	2064	98	1860	68	1656	14	1452	1
641	80	78	82	503	1	1	2	2061	98	1857	68	1653	13	1449	1
638	78	76	81	500	1	1	1	2058	98	1854	67	1650	13	1446	1
635	76	74	80	497	1	1	1	2055	98	1851	66	1647	12	1443	1
632	74	72	78	494	1	1	1	2052	98	1848	66	1644	12	1440	1
629	72	70	76	491	1	1	1	2049	97	1845	65	1641	11	1437	1
626	70	68	75	488	1	1	1	2046	97	1842	64	1638	11	1434	1
623	67	66	73	485	1	1	1	2043	97	1839	63	1635	10	1431	1
620	65	64	71	482	1	1	1	2040	97	1836	62	1632	10	1428	1
617	63	62	69	479	1	1	1	2037	96	1833	61	1629	9	1425	1
614	60	60	67	476	1	1	1	2034	96	1830	60	1626	9	1422	1
611	58	58	65	473	1	1	1	2031	96	1827	60	1623	9	1419	1
608	55	55	63	470	1	1	1	2028	96	1824	59	1620	8	1416	1
605	53	53	61	467	1	1	1	2025	96	1821	58	1617	8	1413	1
602	50	51	59	464	1	1	1	2022	95	1818	57	1614	7	1410	1
599	48	48	56	461	1	1	1	2019	95	1815	56	1611	7	1407	1
596	46	47	55	458	1	1	1	2016	95	1812	55	1608	7	1404	1
593	43	44	51	455	1	1	1	2013	95	1809	54	1605	6	1401	1
590	41	42	50	452	1	1	1	2010	94	1806	54	1602	6	1398	1
587	39	39	48	449	1	1	1	2007	94	1803	53	1599	5	1395	1
584	36	37	46	446	1	1	1	2004	94	1800	52	1596	5	1392	1
581	34	35	44	443	1	1	1	2001	93	1797	51	1593	5	1389	1
578	32	34	41	440	1	1	1	1998	93	1794	50	1590	4	1386	1
575	29	31	39					1995	92	1791	49	1587	4	1383	1
								1992	92	1788	48	1584	4	1380	1
								1989	92	1785	47	1581	3	1377	1
								1986	91	1782	46	1578	3	1374	1
								1983	91	1779	45	1575	3	1371	1
								1980	91	1776	45	1572	2	1368	1
								1977	90	1773	44	1569	2	1365	1
								1974	90	1770	43	1566	2	1362	1
								1971	90	1767	42	1563	2	1359	1
								1968	89	1764	41	1560	2	1356	1
								1965	89	1761	40	1557	1	1353	1
								1962	89	1758	39	1554	1	1350	1
								1959	88	1755	38	1551	1	1347	1
								1956	88	1752	37	1548	1	1344	1
								1953	87	1749	36	1545	1	1341	1
								1950	87	1746	36	1542	1	1338	1
								1947	86	1743	35	1539	1	1335	1
								1944	86	1740	34	1536	1	1332	1
								1941	85	1737	33	1533	1	1329	1
								1938	85	1734	32	1530	1	1326	1
								1935	84	1731	32	1527	1	1323	1
								1932	83	1728	31	1524	1	1320	1
								1929	83	1725	30	1521	1		

# Table 2

## PERCENTILE RANKS ON THE SSAT

### 6th Grade – VERBAL, QUANTITATIVE, READING AND TOTAL

Based on United States and Canadian First Time Test Takers August 2021–July 2024

Scaled Score	SSAT Percentile			Scaled Score	SSAT Percentile			Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile
	V	Q	R		V	Q	R								
710	99	99	99	572	15	15	23	2130	99	1926	70	1722	15	1518	1
707	98	99	99	569	13	13	22	2127	99	1923	69	1719	15	1515	1
704	98	98	98	566	12	12	20	2124	99	1920	68	1716	14	1512	1
701	97	98	98	563	11	11	17	2121	99	1917	67	1713	14	1509	1
698	97	97	97	560	10	10	17	2118	99	1914	66	1710	13	1506	1
695	96	96	97	557	9	9	15	2115	99	1911	66	1707	12	1503	1
692	95	96	96	554	8	8	14	2112	99	1908	65	1704	12	1500	1
689	94	95	95	551	7	7	12	2109	99	1905	64	1701	11	1497	1
686	93	93	94	548	6	6	11	2106	99	1902	63	1698	11	1494	1
683	91	91	93	545	6	5	10	2103	99	1899	61	1695	10	1491	1
680	90	89	92	542	5	4	9	2100	99	1896	61	1692	10	1488	1
677	89	88	91	539	4	4	7	2097	99	1893	60	1689	10	1485	1
674	87	85	90	536	4	3	7	2094	99	1890	59	1686	9	1482	1
671	85	84	89	533	3	3	6	2091	99	1887	58	1683	9	1479	1
668	84	81	87	530	3	2	5	2088	98	1884	57	1680	8	1476	1
665	82	79	85	527	3	2	4	2085	98	1881	56	1677	8	1473	1
662	80	77	83	524	2	2	4	2082	98	1878	55	1674	8	1470	1
659	78	75	81	521	2	1	3	2079	98	1875	54	1671	7	1467	1
656	76	73	80	518	2	1	3	2076	97	1872	53	1668	7	1464	1
653	75	72	78	515	1	1	2	2073	97	1869	53	1665	6	1461	1
650	72	70	77	512	1	1	2	2070	97	1866	51	1662	6	1458	1
647	69	67	75	509	1	1	2	2067	97	1863	51	1659	6	1455	1
644	67	67	73	506	1	1	1	2064	96	1860	50	1656	5	1452	1
641	65	62	72	503	1	1	1	2061	96	1857	49	1653	5	1449	1
638	62	60	69	500	1	1	1	2058	95	1854	48	1650	5	1446	1
635	59	57	68	497	1	1	1	2055	95	1851	47	1647	5	1443	1
632	57	55	65	494	1	1	1	2052	95	1848	46	1644	5	1440	1
629	53	51	60	491	1	1	1	2049	94	1845	45	1641	4	1437	1
626	52	51	62	488	1	1	1	2046	94	1842	44	1638	4	1434	1
623	49	48	59	485	1	1	1	2043	94	1839	43	1635	4	1431	1
620	47	46	57	482	1	1	1	2040	93	1836	43	1632	4	1428	1
617	45	44	55	479	1	1	1	2037	93	1833	42	1629	4	1425	1
614	42	42	53	476	1	1	1	2034	92	1830	41	1626	3	1422	1
611	40	40	51	473	1	1	1	2031	92	1827	40	1623	3	1419	1
608	38	37	48	470	1	1	1	2028	91	1824	39	1620	3	1416	1
605	35	34	46	467	1	1	1	2025	91	1821	38	1617	3	1413	1
602	33	32	44	464	1	1	1	2022	90	1818	37	1614	2	1410	1
599	31	30	42	461	1	1	1	2019	90	1815	37	1611	2	1407	1
596	29	29	40	458	1	1	1	2016	89	1812	35	1608	2	1404	1
593	26	26	37	455	1	1	1	2013	89	1809	35	1605	2	1401	1
590	24	24	36	452	1	1	1	2010	88	1806	34	1602	2	1398	1
587	23	22	34	449	1	1	1	2007	88	1803	33	1599	2	1395	1
584	21	21	31	446	1	1	1	2004	87	1800	32	1596	2	1392	1
581	19	19	29	443	1	1	1	2001	87	1797	31	1593	2	1389	1
578	18	18	27	440	1	1	1	1998	86	1794	31	1590	2	1386	1
575	17	16	26					1995	86	1791	30	1587	1	1383	1
								1992	85	1788	30	1584	1	1380	1
								1989	84	1785	29	1581	1	1377	1
								1986	84	1782	28	1578	1	1374	1
								1983	83	1779	27	1575	1	1371	1
								1980	82	1776	27	1572	1	1368	1
								1977	82	1773	26	1569	1	1365	1
								1974	81	1770	25	1566	1	1362	1
								1971	80	1767	24	1563	1	1359	1
								1968	80	1764	24	1560	1	1356	1
								1965	79	1761	23	1557	1	1353	1
								1962	78	1758	22	1554	1	1350	1
								1959	77	1755	22	1551	1	1347	1
								1956	77	1752	21	1548	1	1344	1
								1953	76	1749	20	1545	1	1341	1
								1950	76	1746	20	1542	1	1338	1
								1947	75	1743	19	1539	1	1335	1
								1944	75	1740	18	1536	1	1332	1
								1941	74	1737	18	1533	1	1329	1
								1938	73	1734	17	1530	1	1326	1
								1935	72	1731	17	1527	1	1323	1
								1932	71	1728	16	1524	1	1320	1
								1929	70	1725	16	1521	1		

# Table 3

## PERCENTILE RANKS ON THE SSAT

### 7th Grade – VERBAL, QUANTITATIVE, READING AND TOTAL

Based on United States and Canadian First Time Test Takers August 2021–July 2024

Scaled Score	SSAT Percentile			Scaled Score	SSAT Percentile			Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile
	V	Q	R		V	Q	R								
710	99	99	99	572	10	10	17	2130	99	1926	54	1722	10	1518	1
707	95	97	97	569	9	9	15	2127	99	1923	52	1719	10	1515	1
704	95	95	96	566	8	8	15	2124	99	1920	51	1716	9	1512	1
701	93	95	95	563	8	8	13	2121	99	1917	50	1713	9	1509	1
698	92	93	94	560	7	7	12	2118	99	1914	49	1710	8	1506	1
695	90	91	93	557	6	6	11	2115	99	1911	48	1707	8	1503	1
692	89	90	91	554	6	5	10	2112	98	1908	48	1704	8	1500	1
689	88	87	89	551	5	5	8	2109	98	1905	47	1701	7	1497	1
686	86	85	88	548	4	4	8	2106	98	1902	46	1698	7	1494	1
683	84	82	86	545	4	4	7	2103	97	1899	46	1695	7	1491	1
680	82	80	84	542	3	3	6	2100	97	1896	45	1692	6	1488	1
677	80	77	83	539	3	3	6	2097	97	1893	45	1689	6	1485	1
674	78	75	80	536	2	3	5	2094	97	1890	44	1686	6	1482	1
671	75	72	80	533	2	2	4	2091	96	1887	43	1683	5	1479	1
668	73	68	77	530	2	2	3	2088	96	1884	42	1680	5	1476	1
665	71	67	75	527	2	2	3	2085	95	1881	41	1677	5	1473	1
662	68	64	73	524	1	1	2	2082	95	1878	40	1674	4	1470	1
659	66	61	70	521	1	1	2	2079	94	1875	40	1671	4	1467	1
656	63	59	69	518	1	1	2	2076	94	1872	39	1668	4	1464	1
653	61	57	67	515	1	1	1	2073	93	1869	39	1665	4	1461	1
650	58	54	65	512	1	1	1	2070	92	1866	38	1662	4	1458	1
647	56	51	63	509	1	1	1	2067	92	1863	38	1659	3	1455	1
644	54	49	60	506	1	1	1	2064	91	1860	37	1656	3	1452	1
641	52	46	58	503	1	1	1	2061	90	1857	36	1653	3	1449	1
638	49	44	56	500	1	1	1	2058	90	1854	35	1650	3	1446	1
635	46	42	54	497	1	1	1	2055	89	1851	34	1647	3	1443	1
632	44	39	50	494	1	1	1	2052	88	1848	33	1644	3	1440	1
629	42	37	49	491	1	1	1	2049	87	1845	32	1641	3	1437	1
626	40	35	48	488	1	1	1	2046	86	1842	32	1638	3	1434	1
623	37	34	46	485	1	1	1	2043	86	1839	31	1635	2	1431	1
620	35	33	44	482	1	1	1	2040	85	1836	30	1632	2	1428	1
617	34	30	42	479	1	1	1	2037	84	1833	29	1629	2	1425	1
614	31	29	40	476	1	1	1	2034	84	1830	29	1626	2	1422	1
611	29	27	38	473	1	1	1	2031	83	1827	28	1623	2	1419	1
608	27	25	36	470	1	1	1	2028	82	1824	27	1620	2	1416	1
605	25	24	34	467	1	1	1	2025	81	1821	26	1617	1	1413	1
602	24	22	33	464	1	1	1	2022	80	1818	26	1614	1	1410	1
599	22	21	30	461	1	1	1	2019	79	1815	25	1611	1	1407	1
596	20	20	29	458	1	1	1	2016	79	1812	24	1608	1	1404	1
593	19	19	27	455	1	1	1	2013	78	1809	24	1605	1	1401	1
590	18	17	26	452	1	1	1	2010	77	1806	23	1602	1	1398	1
587	16	16	24	449	1	1	1	2007	77	1803	23	1599	1	1395	1
584	15	15	23	446	1	1	1	2004	76	1800	22	1596	1	1392	1
581	14	13	21	443	1	1	1	2001	75	1797	21	1593	1	1389	1
578	12	12	20	440	1	1	1	1998	74	1794	21	1590	1	1386	1
575	11	11	18					1995	73	1791	20	1587	1	1383	1
								1992	73	1788	19	1584	1	1380	1
								1989	72	1785	19	1581	1	1377	1
								1986	71	1782	18	1578	1	1374	1
								1983	70	1779	18	1575	1	1371	1
								1980	69	1776	17	1572	1	1368	1
								1977	68	1773	17	1569	1	1365	1
								1974	68	1770	16	1566	1	1362	1
								1971	67	1767	16	1563	1	1359	1
								1968	66	1764	16	1560	1	1356	1
								1965	66	1761	15	1557	1	1353	1
								1962	65	1758	14	1554	1	1350	1
								1959	64	1755	14	1551	1	1347	1
								1956	62	1752	14	1548	1	1344	1
								1953	61	1749	13	1545	1	1341	1
								1950	61	1746	13	1542	1	1338	1
								1947	60	1743	13	1539	1	1335	1
								1944	59	1740	12	1536	1	1332	1
								1941	58	1737	12	1533	1	1329	1
								1938	57	1734	11	1530	1	1326	1
								1935	56	1731	11	1527	1	1323	1
								1932	55	1728	11	1524	1	1320	1
								1929	54	1725	10	1521	1		



# Table 4

## PERCENTILE RANKS ON THE SSAT

### 8th Grade – VERBAL, QUANTITATIVE, READING AND TOTAL

Based on United States and Canadian First Time Test Takers August 2021–July 2024

Scaled Score	SSAT Percentile			Scaled Score	SSAT Percentile			Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile
	V	Q	R		V	Q	R								
800	99	99	99	647	38	33	45	2400	99	2175	84	1950	38	1725	5
797	99	96	99	644	37	32	43	2397	99	2172	84	1947	37	1722	5
794	99	95	99	641	36	30	41	2394	99	2169	83	1944	37	1719	4
791	98	95	99	638	34	29	39	2391	99	2166	83	1941	36	1716	4
788	98	94	99	635	32	27	37	2388	99	2163	82	1938	35	1713	4
785	98	94	99	632	30	26	35	2385	99	2160	82	1935	35	1710	4
782	97	93	99	629	29	25	33	2382	99	2157	81	1932	34	1707	3
779	97	92	99	626	27	24	31	2379	99	2154	81	1929	34	1704	3
776	96	91	99	623	26	22	30	2376	99	2151	81	1926	33	1701	3
773	96	90	98	620	25	21	28	2373	99	2148	80	1923	33	1698	3
770	95	90	98	617	23	20	26	2370	99	2145	80	1920	32	1695	3
767	94	89	98	614	22	18	24	2367	99	2142	79	1917	31	1692	3
764	94	88	98	611	21	18	24	2364	99	2139	79	1914	30	1689	2
761	93	87	98	608	20	16	21	2361	99	2136	78	1911	30	1686	2
758	92	86	98	605	18	15	19	2358	99	2133	77	1908	29	1683	2
755	92	85	97	602	17	14	18	2355	99	2130	77	1905	29	1680	2
752	91	84	97	599	16	13	17	2352	99	2127	76	1902	28	1677	2
749	90	83	96	596	15	12	15	2349	99	2124	76	1899	28	1674	2
746	89	82	96	593	14	11	14	2346	99	2121	76	1896	27	1671	2
743	88	81	96	590	13	10	13	2343	99	2118	75	1893	27	1668	1
740	87	79	96	587	12	9	12	2340	99	2115	75	1890	26	1665	1
737	86	78	95	584	11	8	11	2337	99	2112	74	1887	26	1662	1
734	85	77	95	581	10	8	10	2334	99	2109	73	1884	25	1659	1
731	83	76	93	578	9	7	8	2331	99	2106	73	1881	24	1656	1
728	83	74	92	575	8	6	8	2328	99	2103	72	1878	24	1653	1
725	81	73	92	572	8	5	7	2325	99	2100	71	1875	23	1650	1
722	79	72	90	569	7	5	6	2322	98	2097	71	1872	23	1647	1
719	78	71	89	566	6	4	5	2319	98	2094	70	1869	22	1644	1
716	77	69	89	563	6	4	5	2316	98	2091	69	1866	22	1641	1
713	75	68	86	560	5	3	4	2313	98	2088	69	1863	22	1638	1
710	74	66	85	557	4	3	3	2310	98	2085	68	1860	21	1635	1
707	72	65	83	554	4	3	3	2307	98	2082	67	1857	20	1632	1
704	71	63	82	551	3	2	2	2304	98	2079	67	1854	20	1629	1
701	69	62	81	548	3	2	2	2301	97	2076	66	1851	20	1626	1
698	67	60	78	545	2	1	2	2298	97	2073	66	1848	19	1623	1
695	66	59	77	542	2	1	1	2295	97	2070	65	1845	18	1620	1
692	64	57	75	539	2	1	1	2292	97	2067	64	1842	18	1617	1
689	62	55	73	536	1	1	1	2289	97	2064	64	1839	17	1614	1
686	61	53	71	533	1	1	1	2286	96	2061	63	1836	17	1611	1
683	59	52	69	530	1	1	1	2283	96	2058	62	1833	16	1608	1
680	57	50	67	527	1	1	1	2280	96	2055	62	1830	16	1605	1
677	55	49	65	524	1	1	1	2277	96	2052	61	1827	15	1602	1
674	54	47	63	521	1	1	1	2274	95	2049	60	1824	15	1599	1
671	52	45	61	518	1	1	1	2271	95	2046	60	1821	14	1596	1
668	50	44	59	515	1	1	1	2268	95	2043	59	1818	14	1593	1
665	48	42	57	512	1	1	1	2265	95	2040	58	1815	14	1590	1
662	47	40	55	509	1	1	1	2262	94	2037	57	1812	13	1587	1
659	45	39	53	506	1	1	1	2259	94	2034	57	1809	13	1584	1
656	43	38	51	503	1	1	1	2256	94	2031	56	1806	13	1581	1
653	41	36	49	500	1	1	1	2253	93	2028	55	1803	12	1578	1
650	40	34	47					2250	93	2025	55	1800	12	1575	1
								2247	93	2022	54	1797	11	1572	1
								2244	93	2019	53	1794	11	1569	1
								2241	93	2016	53	1791	11	1566	1
								2238	92	2013	52	1788	10	1563	1
								2235	92	2010	51	1785	10	1560	1
								2232	92	2007	51	1782	10	1557	1
								2229	91	2004	50	1779	9	1554	1
								2226	91	2001	49	1776	9	1551	1
								2223	91	1998	48	1773	9	1548	1
								2220	90	1995	48	1770	8	1545	1
								2217	90	1992	47	1767	8	1542	1
								2214	89	1989	47	1764	8	1539	1
								2211	89	1986	46	1761	7	1536	1
								2208	89	1983	45	1758	7	1533	1
								2205	88	1980	44	1755	7	1530	1
								2202	88	1977	44	1752	7	1527	1
								2199	88	1974	43	1749	7	1524	1
								2196	87	1971	42	1746	6	1521	1
								2193	87	1968	42	1743	6	1518	1
								2190	86	1965	41	1740	6	1515	1
								2187	86	1962	40	1737	6	1512	1
								2184	86	1959	40	1734	5	1509	1
								2181	85	1956	39	1731	5	1506	1
								2178	85	1953	39	1728	5	1503	1
														1500	1

# Table 5

## PERCENTILE RANKS ON THE SSAT

### 9th Grade – VERBAL, QUANTITATIVE, READING AND TOTAL

Based on United States and Canadian First Time Test Takers August 2021-July 2024

Scaled Score	SSAT Percentile			Scaled Score	SSAT Percentile			Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile
	V	Q	R		V	Q	R								
800	99	99	99	647	36	25	38	2400	99	2175	77	1950	32	1725	3
797	96	91	98	644	35	23	37	2397	99	2172	76	1947	31	1722	2
794	96	90	98	641	33	22	35	2394	99	2169	75	1944	31	1719	2
791	95	89	98	638	32	21	33	2391	99	2166	75	1941	30	1716	2
788	95	87	98	635	31	20	30	2388	99	2163	74	1938	29	1713	2
785	94	86	97	632	30	19	29	2385	98	2160	73	1935	29	1710	2
782	94	85	97	629	29	18	27	2382	98	2157	73	1932	28	1707	2
779	93	84	97	626	27	17	26	2379	98	2154	72	1929	27	1704	2
776	93	82	97	623	26	16	25	2376	98	2151	72	1926	27	1701	2
773	92	81	96	620	25	15	23	2373	98	2148	71	1923	26	1698	2
770	91	80	96	617	24	14	22	2370	98	2145	70	1920	26	1695	2
767	90	78	96	614	23	13	20	2367	98	2142	70	1917	25	1692	2
764	90	76	95	611	22	12	19	2364	98	2139	69	1914	25	1689	1
761	88	75	95	608	20	11	17	2361	98	2136	68	1911	24	1686	1
758	87	73	95	605	19	11	16	2358	97	2133	68	1908	24	1683	1
755	86	72	95	602	18	10	15	2355	97	2130	67	1905	23	1680	1
752	86	71	94	599	17	9	13	2352	97	2127	67	1902	22	1677	1
749	85	70	93	596	16	9	12	2349	97	2124	66	1899	22	1674	1
746	84	68	93	593	15	8	11	2346	97	2121	66	1896	22	1671	1
743	82	68	92	590	14	7	10	2343	96	2118	65	1893	21	1668	1
740	82	68	92	587	13	7	9	2340	96	2115	64	1890	21	1665	1
737	80	65	91	584	12	6	8	2337	96	2112	64	1887	20	1662	1
734	79	64	91	581	11	6	7	2334	96	2109	63	1884	20	1659	1
731	78	62	90	578	10	5	6	2331	96	2106	63	1881	19	1656	1
728	77	61	89	575	9	5	6	2328	96	2103	62	1878	19	1653	1
725	75	59	88	572	8	4	5	2325	95	2100	62	1875	19	1650	1
722	74	58	86	569	7	3	4	2322	95	2097	62	1872	18	1647	1
719	72	56	85	566	7	3	4	2319	95	2094	61	1869	18	1644	1
716	70	55	83	563	7	3	3	2316	94	2091	60	1866	17	1641	1
713	69	54	81	560	6	2	3	2313	94	2088	60	1863	17	1638	1
710	68	52	80	557	5	2	2	2310	94	2085	59	1860	17	1635	1
707	66	51	77	554	5	1	2	2307	94	2082	59	1857	16	1632	1
704	64	50	76	551	4	1	2	2304	93	2079	58	1854	16	1629	1
701	63	48	74	548	4	1	2	2301	93	2076	57	1851	16	1626	1
698	62	47	73	545	3	1	1	2298	93	2073	56	1848	15	1623	1
695	60	45	71	542	3	1	1	2295	93	2070	56	1845	15	1620	1
692	59	43	68	539	2	1	1	2292	92	2067	55	1842	14	1617	1
689	57	42	66	536	2	1	1	2289	92	2064	55	1839	14	1614	1
686	56	40	64	533	2	1	1	2286	92	2061	54	1836	14	1611	1
683	54	40	63	530	2	1	1	2283	92	2058	53	1833	13	1608	1
680	53	39	60	527	1	1	1	2280	91	2055	53	1830	13	1605	1
677	51	37	58	524	1	1	1	2277	91	2052	52	1827	13	1602	1
674	50	36	56	521	1	1	1	2274	90	2049	51	1824	12	1599	1
671	49	35	54	518	1	1	1	2271	90	2046	50	1821	12	1596	1
668	47	33	52	515	1	1	1	2268	90	2043	50	1818	11	1593	1
665	45	32	50	512	1	1	1	2265	89	2040	49	1815	11	1590	1
662	43	31	48	509	1	1	1	2262	89	2037	49	1812	11	1587	1
659	42	29	46	506	1	1	1	2259	88	2034	48	1809	11	1584	1
656	40	28	44	503	1	1	1	2256	88	2031	47	1806	10	1581	1
653	39	27	42	500	1	1	1	2253	88	2028	47	1803	10	1578	1
650	37	26	40					2250	88	2025	46	1800	10	1575	1
								2247	87	2022	46	1797	9	1572	1
								2244	87	2019	45	1794	9	1569	1
								2241	86	2016	45	1791	8	1566	1
								2238	86	2013	44	1788	8	1563	1
								2235	86	2010	44	1785	8	1560	1
								2232	85	2007	43	1782	7	1557	1
								2229	85	2004	42	1779	7	1554	1
								2226	85	2001	41	1776	7	1551	1
								2223	84	1998	41	1773	6	1548	1
								2220	84	1995	41	1770	6	1545	1
								2217	83	1992	40	1767	6	1542	1
								2214	83	1989	39	1764	5	1539	1
								2211	83	1986	39	1761	5	1536	1
								2208	82	1983	38	1758	5	1533	1
								2205	82	1980	38	1755	5	1530	1
								2202	82	1977	37	1752	5	1527	1
								2199	81	1974	36	1749	5	1524	1
								2196	80	1971	36	1746	4	1521	1
								2193	80	1968	35	1743	4	1518	1
								2190	79	1965	34	1740	4	1515	1
								2187	79	1962	34	1737	4	1512	1
								2184	78	1959	33	1734	3	1509	1
								2181	78	1956	33	1731	3	1506	1
								2178	77	1953	32	1728	3	1503	1
														1500	1

# Table 6

## PERCENTILE RANKS ON THE SSAT

10th Grade – VERBAL, QUANTITATIVE, READING AND TOTAL  
 Based on United States and Canadian First Time Test Takers August 2021–July 2024

Scaled Score	SSAT Percentile			Scaled Score	SSAT Percentile			Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile
	V	Q	R		V	Q	R								
800	99	99	99	647	35	21	36	2400	99	2175	78	1950	27	1725	3
797	98	95	99	644	34	20	35	2397	99	2172	77	1947	27	1722	3
794	97	93	99	641	33	18	32	2394	99	2169	77	1944	26	1719	3
791	97	92	99	638	31	17	30	2391	99	2166	77	1941	25	1716	3
788	96	91	99	635	31	16	27	2388	99	2163	76	1938	25	1713	3
785	95	90	98	632	29	15	26	2385	99	2160	75	1935	24	1710	3
782	95	88	98	629	27	14	24	2382	99	2157	74	1932	23	1707	3
779	95	87	98	626	25	13	23	2379	99	2154	73	1929	23	1704	3
776	94	85	98	623	24	13	22	2376	99	2151	73	1926	22	1701	2
773	93	84	98	620	23	11	20	2373	99	2148	72	1923	22	1698	2
770	92	82	97	617	21	11	19	2370	99	2145	72	1920	22	1695	2
767	92	80	97	614	21	10	17	2367	99	2142	70	1917	21	1692	2
764	91	78	97	611	20	9	16	2364	99	2139	69	1914	21	1689	1
761	90	77	97	608	18	9	15	2361	99	2136	68	1911	20	1686	1
758	89	75	96	605	17	8	14	2358	99	2133	68	1908	20	1683	1
755	87	73	96	602	16	8	13	2355	99	2130	68	1905	20	1680	1
752	86	72	95	599	15	8	13	2352	99	2127	67	1902	19	1677	1
749	85	71	94	596	14	7	11	2349	99	2124	66	1899	19	1674	1
746	84	69	94	593	13	7	10	2346	98	2121	66	1896	18	1671	1
743	83	68	94	590	12	6	9	2343	98	2118	65	1893	17	1668	1
740	82	66	94	587	12	5	7	2340	98	2115	64	1890	17	1665	1
737	79	65	93	584	11	5	6	2337	98	2112	64	1887	17	1662	1
734	78	63	93	581	10	5	6	2334	98	2109	63	1884	17	1659	1
731	78	62	92	578	10	4	5	2331	98	2106	62	1881	16	1656	1
728	77	61	90	575	9	4	4	2328	97	2103	61	1878	15	1653	1
725	76	59	89	572	8	3	4	2325	97	2100	60	1875	15	1650	1
722	74	58	86	569	7	3	3	2322	97	2097	60	1872	14	1647	1
719	73	56	84	566	7	3	2	2319	96	2094	60	1869	14	1644	1
716	72	55	82	563	6	3	2	2316	96	2091	60	1866	13	1641	1
713	71	53	80	560	6	2	2	2313	96	2088	59	1863	13	1638	1
710	69	51	78	557	5	2	1	2310	96	2085	59	1860	12	1635	1
707	68	50	77	554	4	1	1	2307	96	2082	58	1857	12	1632	1
704	66	48	76	551	4	1	1	2304	95	2079	56	1854	12	1629	1
701	64	47	73	548	3	1	1	2301	95	2076	56	1851	12	1626	1
698	62	45	72	545	3	1	1	2298	95	2073	55	1848	11	1623	1
695	61	42	70	542	3	1	1	2295	95	2070	54	1845	11	1620	1
692	59	40	67	539	3	1	1	2292	94	2067	53	1842	11	1617	1
689	58	39	65	536	2	1	1	2289	94	2064	53	1839	11	1614	1
686	56	37	63	533	2	1	1	2286	93	2061	52	1836	10	1611	1
683	54	36	61	530	1	1	1	2283	93	2058	51	1833	10	1608	1
680	52	34	59	527	1	1	1	2280	93	2055	51	1830	9	1605	1
677	50	32	56	524	1	1	1	2277	93	2052	50	1827	9	1602	1
674	49	31	54	521	1	1	1	2274	93	2049	50	1824	9	1599	1
671	47	29	52	518	1	1	1	2271	92	2046	49	1821	9	1596	1
668	46	28	49	515	1	1	1	2268	92	2043	49	1818	9	1593	1
665	44	27	48	512	1	1	1	2265	92	2040	48	1815	8	1590	1
662	43	26	46	509	1	1	1	2262	91	2037	48	1812	8	1587	1
659	41	25	44	506	1	1	1	2259	91	2034	46	1809	8	1584	1
656	40	24	42	503	1	1	1	2256	91	2031	46	1806	8	1581	1
653	38	22	40	500	1	1	1	2253	90	2028	45	1803	8	1578	1
650	37	21	38					2250	90	2025	45	1800	7	1575	1
								2247	89	2022	44	1797	7	1572	1
								2244	88	2019	43	1794	7	1569	1
								2241	88	2016	42	1791	7	1566	1
								2238	88	2013	42	1788	6	1563	1
								2235	87	2010	42	1785	6	1560	1
								2232	87	2007	42	1782	6	1557	1
								2229	86	2004	41	1779	6	1554	1
								2226	85	2001	40	1776	6	1551	1
								2223	85	1998	39	1773	6	1548	1
								2220	85	1995	38	1770	6	1545	1
								2217	84	1992	36	1767	5	1542	1
								2214	83	1989	35	1764	5	1539	1
								2211	83	1986	35	1761	5	1536	1
								2208	83	1983	34	1758	5	1533	1
								2205	82	1980	34	1755	4	1530	1
								2202	82	1977	33	1752	4	1527	1
								2199	82	1974	33	1749	4	1524	1
								2196	82	1971	32	1746	4	1521	1
								2193	81	1968	31	1743	4	1518	1
								2190	81	1965	31	1740	4	1515	1
								2187	80	1962	30	1737	4	1512	1
								2184	80	1959	30	1734	4	1509	1
								2181	79	1956	29	1731	4	1506	1
								2178	79	1953	28	1728	4	1503	1
														1500	1

# Table 7

## PERCENTILE RANKS ON THE SSAT

### 11th Grade – VERBAL, QUANTITATIVE, READING AND TOTAL

Based on United States and Canadian First Time Test Takers August 2021–July 2024

Scaled Score	SSAT Percentile			Scaled Score	SSAT Percentile			Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile	Scaled Score	%ile
	V	Q	R		V	Q	R								
800	99	99	99	647	48	21	47	2400	99	2175	83	1950	37	1725	4
797	99	98	99	644	45	19	44	2397	99	2172	83	1947	36	1722	4
794	99	97	99	641	44	18	41	2394	99	2169	83	1944	36	1719	4
791	99	95	99	638	43	17	40	2391	99	2166	81	1941	34	1716	3
788	99	95	99	635	39	15	38	2388	99	2163	81	1938	32	1713	3
785	99	94	99	632	36	15	35	2385	99	2160	81	1935	32	1710	3
782	99	92	99	629	36	15	30	2382	99	2157	81	1932	30	1707	3
779	98	91	99	626	35	15	30	2379	99	2154	81	1929	26	1704	3
776	97	91	99	623	32	13	28	2376	99	2151	79	1926	26	1701	3
773	96	89	99	620	30	12	27	2373	99	2148	79	1923	26	1698	3
770	96	87	99	617	28	11	26	2370	99	2145	79	1920	26	1695	3
767	96	87	99	614	25	11	25	2367	99	2142	79	1917	26	1692	3
764	95	85	98	611	21	11	22	2364	99	2139	78	1914	26	1689	3
761	95	83	98	608	20	9	20	2361	99	2136	77	1911	25	1686	3
758	94	81	98	605	19	8	19	2358	99	2133	76	1908	24	1683	3
755	94	78	97	602	18	8	17	2355	99	2130	76	1905	23	1680	3
752	94	78	95	599	16	7	17	2352	99	2127	75	1902	23	1677	3
749	93	76	95	596	14	7	15	2349	98	2124	74	1899	23	1674	3
746	92	75	95	593	13	7	15	2346	98	2121	73	1896	23	1671	3
743	91	74	95	590	11	7	13	2343	98	2118	73	1893	21	1668	3
740	89	72	95	587	11	7	9	2340	98	2115	73	1890	21	1665	3
737	87	70	95	584	9	6	9	2337	98	2112	71	1887	20	1662	3
734	86	69	94	581	9	6	8	2334	98	2109	70	1884	19	1659	3
731	85	69	94	578	8	5	6	2331	97	2106	70	1881	19	1656	3
728	85	64	93	575	5	5	5	2328	97	2103	69	1878	19	1653	3
725	83	61	93	572	5	5	5	2325	97	2100	69	1875	18	1650	2
722	81	58	91	569	5	3	4	2322	97	2097	68	1872	18	1647	2
719	80	57	91	566	4	3	3	2319	97	2094	68	1869	18	1644	2
716	78	56	89	563	4	3	3	2316	97	2091	66	1866	18	1641	2
713	76	55	88	560	4	3	3	2313	97	2088	66	1863	18	1638	1
710	74	54	85	557	4	3	3	2310	97	2085	66	1860	16	1635	1
707	72	54	84	554	3	2	2	2307	97	2082	65	1857	16	1632	1
704	71	52	83	551	3	2	2	2304	97	2079	64	1854	16	1629	1
701	71	51	81	548	3	2	2	2301	97	2076	64	1851	15	1626	1
698	70	50	80	545	3	2	2	2298	97	2073	64	1848	15	1623	1
695	68	46	80	542	3	2	2	2295	97	2070	64	1845	15	1620	1
692	67	44	75	539	2	2	2	2292	97	2067	64	1842	15	1617	1
689	66	41	74	536	2	2	1	2289	97	2064	64	1839	14	1614	1
686	64	38	72	533	2	2	1	2286	97	2061	62	1836	13	1611	1
683	64	38	70	530	1	2	1	2283	97	2058	61	1833	13	1608	1
680	64	36	67	527	1	1	1	2280	97	2055	60	1830	12	1605	1
677	63	35	66	524	1	1	1	2277	97	2052	60	1827	11	1602	1
674	62	34	65	521	1	1	1	2274	97	2049	59	1824	11	1599	1
671	61	33	62	518	1	1	1	2271	97	2046	59	1821	11	1596	1
668	60	30	61	515	1	1	1	2268	96	2043	58	1818	11	1593	1
665	56	30	60	512	1	1	1	2265	96	2040	58	1815	11	1590	1
662	55	30	56	509	1	1	1	2262	95	2037	57	1812	9	1587	1
659	64	26	54	506	1	1	1	2259	95	2034	56	1809	9	1584	1
656	53	25	53	503	1	1	1	2256	95	2031	56	1806	9	1581	1
653	50	24	50	500	1	1	1	2253	94	2028	55	1803	9	1578	1
650	50	22	49					2250	94	2025	55	1800	8	1575	1
								2247	94	2022	52	1797	8	1572	1
								2244	94	2019	51	1794	8	1569	1
								2241	94	2016	50	1791	8	1566	1
								2238	92	2013	49	1788	8	1563	1
								2235	92	2010	49	1785	8	1560	1
								2232	92	2007	48	1782	8	1557	1
								2229	91	2004	48	1779	8	1554	1
								2226	90	2001	48	1776	8	1551	1
								2223	90	1998	46	1773	7	1548	1
								2220	90	1995	44	1770	7	1545	1
								2217	90	1992	43	1767	7	1542	1
								2214	90	1989	43	1764	7	1539	1
								2211	90	1986	43	1761	7	1536	1
								2208	90	1983	42	1758	5	1533	1
								2205	89	1980	42	1755	5	1530	1
								2202	89	1977	39	1752	5	1527	1
								2199	89	1974	39	1749	4	1524	1
								2196	89	1971	39	1746	4	1521	1
								2193	87	1968	39	1743	4	1518	1
								2190	86	1965	39	1740	4	1515	1
								2187	85	1962	38	1737	4	1512	1
								2184	85	1959	38	1734	4	1509	1
								2181	85	1956	38	1731	4	1506	1
								2178	85	1953	38	1728	4	1503	1
														1500	1

## Appendix B:

### SSAT Means and Standard Deviations

The means and standard deviations on the following table are based on first-time test takers who tested at a United States or Canadian Standard administration of the Secondary School Admission Test from August 1, 2021, through July 31, 2024. If a student tested multiple times, only the first test scores were used to calculate the means. They are not representative of students in general throughout the country, nor are they representative of all students enrolled in independent schools. EMA now provides only scores based on mixed gender scores.

# Table 1

## MEANS AND STANDARD DEVIATIONS ON THE SSAT

Based on United States and Canadian First Time Test Takers August 2021–July 2024

<b>Verbal</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>08</b>	<b>09</b>	<b>10</b>	<b>11</b>
Total Test Takers	4348	3108	1992	18180	2710	779	151
Mean Scaled Score	603	623	637	667	674	675	661
Standard Deviation	46	45	46	66	69	67	61

<b>Quantitative</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>08</b>	<b>09</b>	<b>10</b>	<b>11</b>
Total Test Takers	4348	3108	1992	18180	2710	779	151
Mean Scaled Score	604	624	640	681	702	705	698
Standard Deviation	47	45	46	67	69	65	64

<b>Reading</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>08</b>	<b>09</b>	<b>10</b>	<b>11</b>
Total Test Takers	4348	3108	1992	18180	2710	779	151
Mean Scaled Score	594	612	627	657	665	667	655
Standard Deviation	48	48	50	53	56	53	52

<b>Total</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>08</b>	<b>09</b>	<b>10</b>	<b>11</b>
Total Test Takers	4248	3108	1992	18180	2710	779	151
Mean Scaled Score	1801	1859	1904	2005	2041	2047	2014
Standard Deviation	127	123	125	164	171	159	158

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