The **SSAT** 

2021-2022

# **Interpretive Guide**

for the Elementary Level SSAT



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 Elementary Level exam for students in grades 3 and 4.









The **Enrollment Management** Association



# Contents

Introduction	4-6
Purpose of the SSAT	4
Test Development Process	4
Test Specifications	4-5
Verbal Section	5
Quantitative Section	5
Reading Comprehension Section	6
Writing Section	6
Administration of the SSAT	7
Test Security	
Uniform Conditions	7
Testing Accommodations	7
Reporting SSAT Scores	7–11
Score Reports	7
School Score Report Sample	8
SSAT Writing Sample	9–10
Family Score Report	11
Interpreting SSAT Scores	12-14
Raw Scores	12
Scaled Scores	12
Range of Scaled Scores	12
Norms and Percentiles	12
Average Scores	
Number of Right, Wrong, and Not Answered for Subject Areas	13
School-Specific Context Data	
SSAT Subject Areas	14
Statistical Terms and the SSAT	15–18
Score Equating	15
Mean	
Standard Deviation	
Reliability of Test Scores	
Standard Error of Measurement (SEM)	
Standard Error of Difference (SED)	
True Score	
Validity	18
Appendices	19–23
Appendix A: SSAT Percentile Ranks by Grade	
Appendix B: SSAT Means and Standard Deviations	22–23



# Introduction

The *Interpretive Guide for the Elementary Level SSAT* 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 Elementary Level test contains 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 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 the Elementary Level SSAT. The Elementary Level test is administered to students in grades 3 and 4.

The Elementary SSAT consists of three multiple-choice sections with a testing time of 20 minutes for the verbal section, 30 minutes for the quantitative section, and 30 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 Elementary SSAT includes a 15-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 Elementary SSAT administration is 125 minutes, which includes the experimental section and a 15-minute break.

Samples of SSAT question types are provided on the SSAT website and in *The Official Guide to the Elementary Level SSAT*. This publication is available as a free download from the SSAT website, www.ssat.org.

+ + + +

Content and statistical specifications can help ensure that the test indeed 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 Elementary SSAT follows.

#### **Verbal Section**

The verbal section of the test consists of 15 synonym questions and 15 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 Elementary SSAT includes a quantitative section containing 30 questions. 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 test items 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:

- + Basic addition, subtraction, multiplication, and division
- + Factors and multiples (4th grade only)
- + Place value
- + Ordering of numbers (greater than, less than)
- + Fractions
- + Patterns (4th grade only)
- + Basic concepts of geometry (shapes and their attributes)
- + Basic concepts of measurement
- + Interpretation of graphs
- + Basic concepts of angle measurements (4th grade only)

+ + + +

# **Reading Comprehension Section**

The reading comprehension section consists of 28 questions based on seven reading passages that include prose and poetry, fiction, and nonfiction. The passages cover a variety of 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 300 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:

- + Locate information and find meaning by skimming and close reading
- + Demonstrate literal, inferential, and evaluative comprehension
- + Show understanding of key ideas and details, as well as the meaning of words and phrases as they are used in the text
- + Determine the theme of a story, drama, or poem from details of the text

# **Writing Section**

The Elementary SSAT includes an unscored writing sample that is sent to schools with the student's score report. The student is asked to look at a picture and write a story about what happened. The student has 15 minutes to complete the writing portion of the exam.



# **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: <a href="https://www.ssat.org/TA">www.ssat.org/TA</a>.

# Reporting SSAT Scores

There are two types of test administrations for which scores are reported—Standard test administrations (six per the 2021-2022 admission year) and Flex test administrations—available on an as-needed basis at member sites.

For Standard administrations, school scores are routinely reported online on the second Tuesday following the test administration for score recipients selected prior to score release. Student score reports are routinely reported on the Wednesday following the Tuesday that scores are available to schools. For Flex administrations, scores are reported online via roster within 10 business days from receipt of test materials.

## **Score Reports**

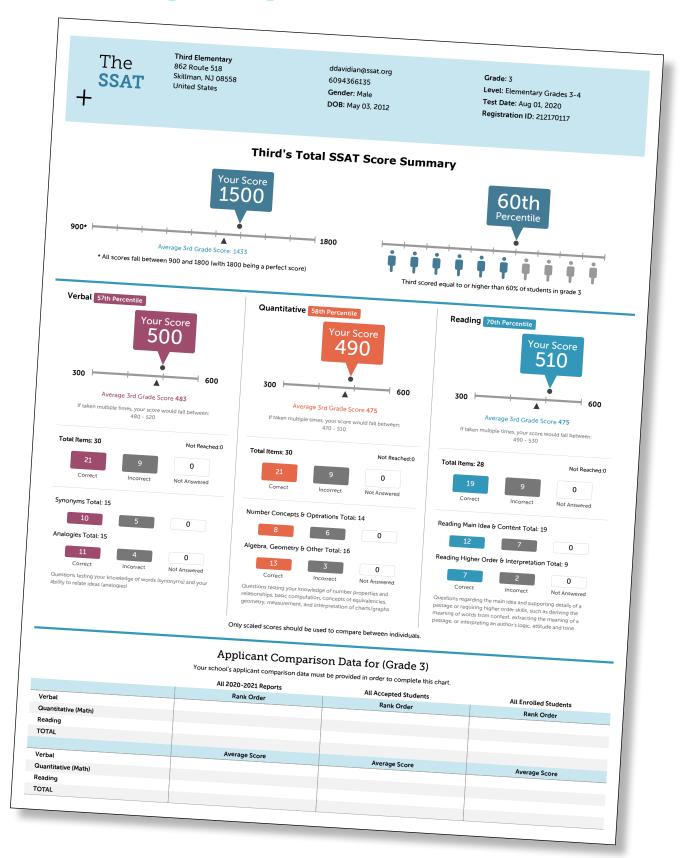
The SSAT score report is available to schools, educational consultants, and educational organizations. Parents, guardians, students, or advisers designate school score report recipients. A separate score report is provided to the test taker. Score reports to test takers do not contain any school-specific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

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

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 2021-2022 year, the scores of a test taker are placed in many different contexts on the school score report.



# **School Score Report Sample**



(h)

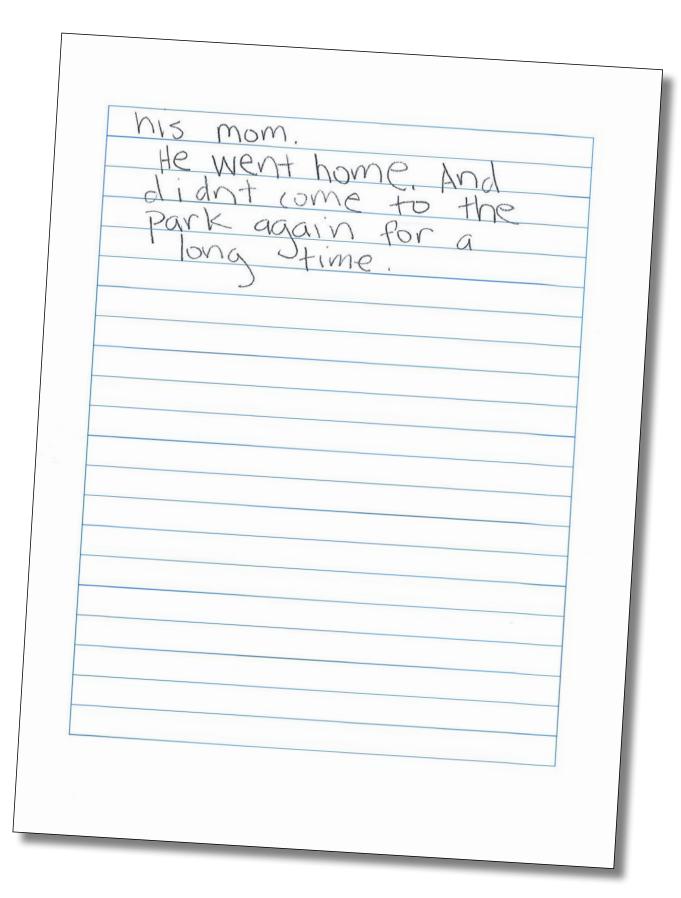


# **SSAT Writing Sample**



Look at the picture and tell a story about what happened. Make sure your story includes a beginning, a middle, and an end.

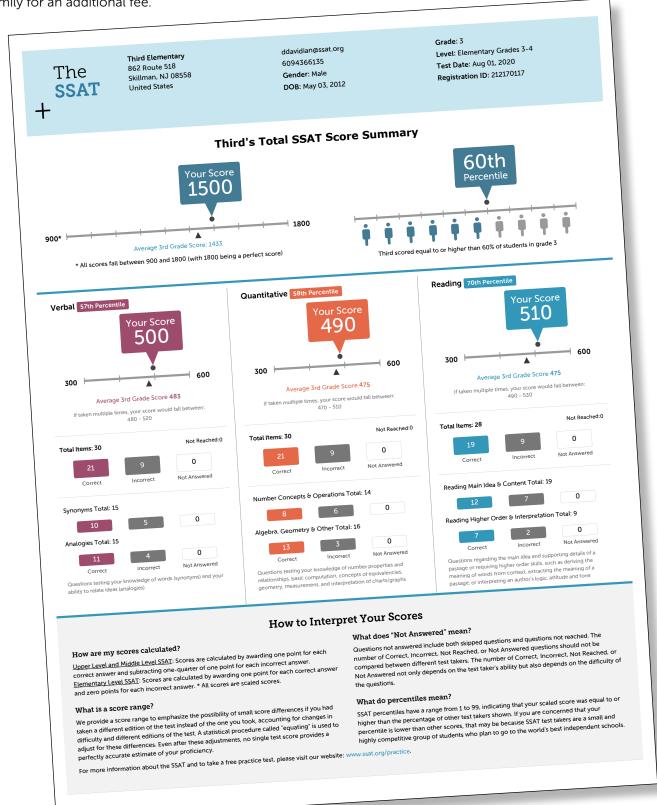






# **Family Score Report**

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**

On the Elementary Level test, a raw score is the number of questions answered correctly.

#### **Scaled Scores**

The raw score is converted to a score on the 300-to-600 Elementary 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 15 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 official observed test scores vary from his or her "true" scores (see "True Score" on page 17). 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 17 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 Elementary Level test is 20 for the verbal section. If a student gets a scaled score of 500 on the verbal section, there is a 68% chance that his/her score will fluctuate between 480 and 520 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 Elementary Level test norm group consists of all first-time test takers (same grade level) who took the test typically within the past three academic years 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 a 3rd grade student's scaled score is 520 and the percentile is 73 on the verbal section, it means that 73% of scores of all the other 3rd grade students (who took the test over the past three academic years) fell at or below 520.

Tables 1 and 2 (pages 20 and 21) provide percentile ranks for grades 3 and 4, respectively.



# **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 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.

# Number of Right, Wrong, and Not Answered for Subject Areas

For each subject area, the 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.

# **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 2020-21 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: 2021 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: 2021 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 assess a student's ability to select the one word or phrase that is closet in meaning to the word given.
- + Analogies These questions assess a student's ability to find relationships between words.

#### Quantitative

- + Number Concepts and Operations These questions cover addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals; rounding, place value, estimation, and properties; odd, even, positive, negative, and prime numbers; and ratios and proportions.
- + Algebra, Geometry, and Other Math These questions deal with describing and extending patterns; equalities and inequalities; shapes, line segments, and angles; linear measure, area, and perimeter; reading and interpreting graphs and tables; weight, capacity, time, temperature, and money; as well as logic, data analysis, and probability.

### **Reading Comprehension**

- + Reading Main Ideas and Content Some of these questions require a student to use specific details that are stated in the passage to identify main ideas and/or provide answers to questions relating to "who," "what," "where," "when," "why," and "how." Other questions ask the student to use context clues to determine the meaning of a specific word or phrase and choose the correct definition or synonym.
- + Reading Higher Order and Interpretation These questions require the student to make predictions, conclusions, and inferences about the behaviors and motives of the author and of the characters depicted in that passage using implicit information from the passage or drawing on the information contained in the passage.

+ + + +

# 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.



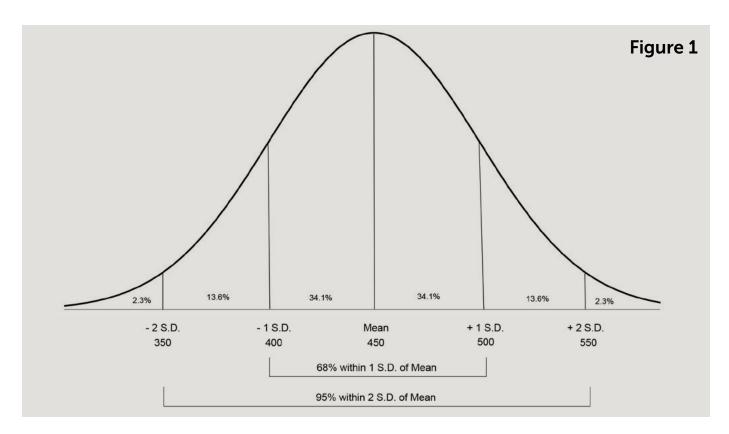


#### **Standard Deviation**

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 450 and the standard deviation is 50 points. One standard deviation above the mean is a score of 500, and 34% of the test-taking population earn scores that are between 450 and 500. Similarly, another 34% of the population score within one standard deviation below the mean, or between 400 and 450. This means that 68% of the test-taking population score within one standard deviation (50 points) above or below the mean score (450), or between 400 and 500. More than 13% 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 350 and 550. 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 570 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.



(m)



# **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 Elementary Level SSAT tests have reliability coefficients ranging between .74 and .87.

# **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" below).

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 Elementary Level test is 20 on verbal. If a student gets a scaled score of 500 on verbal, there is a 68% chance that his/her score will fluctuate between 480 (one SEM below 500) and 520 (one SEM above 500) if he or she takes the test again.

## **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. If the test scores differ by an amount greater than the SED (say, 1.5 times 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  $\sqrt{2} \times SEM$ . For example, the SEM of the Elementary Level test is 20 points on verbal. The SED is roughly 30 points. If two individuals' verbal scores differ by more than 45 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).





# **Appendices**

# **Appendix A:**

#### SSAT Percentiles, by Grade, of Elementary Level Test

The norms presented in the following tables are based on first-time Elementary Level test takers who tested between August 1, 2017, and July 31, 2020. They are not representative of students in general throughout the country, nor are they representative of all students enrolled in independent secondary 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	G
Reading Comprehension	R



# Table 1

#### PERCENTILE RANKS ON THE SSAT

#### 3rd GRADE — VERBAL, QUANTITATIVE, READING, AND TOTAL

Based on United States and Canadian First-Time Test Takers August 2017–July 2020

Scaled	SSAT Percentile		
Score	٧	Q	R
600	99	99	99
590	98	97	98
580	96	91	96
570	91	85	92
560	86	77	89
550	80	76	82
540	76	72	81
530	70	70	76
520	67	67	73
510	63	65	70
500	57	60	64
490	53	58	59
480	48	54	54
470	44	49	50
460	40	49	45
450	36	44	41
440	31	39	37
430	28	35	32
420	23	33	26
410	20	30	22
400	17	26	18
390	15	21	14
380	11	17	11
370	8	13	8
360	6	10	4
350	4	6	3
340	2	3	1
330	1	1	1
320	1	1	1
310	1	1	1
300	1	1	1

Scaled	Percentile
Score	Total
1800	99
1790	99
1780	99
1770	99
1760	98
1750	98
1740	97
1730	96
1720	95
1710	93
1700	92
1690	91
1680	89
1670	88
1660	86
1650	85
1640	84
1630	83
1620	81
1610	80
1600	78
1590	77
1580	74
1570	72
1560	71
1550	69
1540	67
1530	65
1520	64
1510	62

1500

60

Scaled Score	Percentile Total
1490	58
1480	57
1470	56
1460	53
1450	52
1440	50
1430	49
1420	47
1410	46
1400	44
1390	43
1380	40
1370	39
1360	37
1350	36
1340	34
1330	33
1320	31
1310	30
1300	28
1290	27
1280	26
1270	25
1260	24
1250	22
1240	20
1230	19
1220	18
1210	16
1200	14

Scaled Score	Percentile Total
1190	13
1180	11
1170	10
1160	9
1150	8
1140	8
1130	7
1120	6
1110	5
1100	4
1090	3
1080	3
1070	2
1060	2
1050	2
1040	1
1030	1
1020	1
1010	1
1000	1
990	1
980	1
970	1
960	1
950	1
940	1
930	1
920	1
910	1
900	1



# Table 2

#### PERCENTILE RANKS ON THE SSAT

#### 4th GRADE — VERBAL, QUANTITATIVE, READING, AND TOTAL

Based on United States and Canadian First-Time Test Takers August 2017–July 2020

Scaled	SSAT Percentile		
Score	V	Q	R
600	99	99	99
590	99	97	98
580	94	92	97
570	86	86	95
560	82	80	93
550	77	73	88
540	75	70	86
530	71	68	81
520	70	66	74
510	65	64	69
500	62	61	64
490	57	58	57
480	54	56	52
470	50	51	45
460	46	49	42
450	39	46	36
440	36	40	33
430	32	35	27
420	28	32	22
410	23	26	18
400	20	19	15
390	17	12	12
380	14	6	9
370	11	3	7
360	9	1	4
350	6	1	3
340	4	1	1
330	2	1	1
320	1	1	1
310	1	1	1
300	1	1	1

Scaled Score	Percentile Total
1800	99
1790	99
1780	99
1770	99
1760	99
1750	98
1740	97
1730	96
1720	96
1710	94
1700	93
1690	91
1680	89
1670	88
1660	86
1650	85
1640	84
1630	83
1620	81
1610	79
1600	78
1590	77
1580	75
1570	73
1560	72
1550	71
1540	69
1530	67
1520	66
1510	64

1500

62

Scaled Score	Percentile Total	
1490	60	
1480	58	
1470	56	
1460	55	
1450	53	
1440	51	
1430	50	
1420	48	
1410	46	
1400	45	
1390	43	
1380	41	
1370	39	
1360	38	
1350	36	
1340	34	
1330	32	
1320	31	
1310	29	
1300	27	
1290	25	
1280	24	
1270	22	
1260	20	
1250	19	
1240	18	
1230	17	
1220	15	
1210	14	
1200	13	

Scaled Score	Percentile Total
1190	11
1180	10
1170	9
1160	8
1150	7
1140	6
1130	5
1120	5
1110	4
1100	3
1090	2
1080	2
1070	2
1060	1
1050	1
1040	1
1030	1
1020	1
1010	1
1000	1
990	1
980	1
970	1
960	1
950	1
940	1
930	1
920	1
910	1
900	1



# **Appendix B:**

#### **SSAT Means and Standard Deviations**

The means and standard deviations on the following table is based on first-time Elementary Level test takers who tested from August 1, 2017, through July 31, 2020. 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 secondary 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 2017–July 2020

Verbal	Elementary	
Grade	03	04
Total Test Takers	1159	2312
Mean Scaled Score	483	477
Standard Deviation	71	76

Quantitative	Elementary	
Grade	03	04
Total Test Takers	1159	2312
Mean Scaled Score	475	481
Standard Deviation	81	74

Reading	Elementary	
Grade	03	04
Total Test Takers	1159	2312
Mean Scaled Score	475	477
Standard Deviation	68	63

Total	Elementary	
Grade	03	04
Total Test Takers	1159	2312
Mean Scaled Score	1433	1435
Standard Deviation	192	185

<sup>\*</sup>Standard administrations and scheduled Flex administrations.



# The **Enrollment Management** Association

#### **Yield Your Best**

© 2021 by The Enrollment Management Association. All rights reserved.

The Enrollment Management Association's mission is to provide unparalleled leadership and service in meeting the admission assessment and enrollment needs of schools, students, and families.

The Enrollment Management Association is dedicated to the principle of equal opportunity, and its programs, services, and employment policies are guided by that principle.

SSAT, Secondary School Admission Test, and the SSAT logo are registered trademarks of The Enrollment Management Association.

All rights reserved. No part of this publication may be reproduced, stored in, or introduced into a retrieval system, or transmitted, in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), without prior written permission of The Enrollment Management Association. The scanning, uploading, and distribution of this book via the Internet or via any other means without the permission of the publisher is illegal and punishable by law. Brief quotations or excerpts of this publication for use in reviews or professional works are permitted as provided under intellectual property law.