

ST. FRANCIS XAVIER

A Jesuit Elementary School | Preschool-8th Grade



STAR Scores Reference Document

Renaissance Star scores represent how students performed on the test compared with the performance of a nationally representative sample of students, called the norms group. These scores present a snapshot of achievement at a specific point in time. As with any test, it is important to remember that many factors can affect a student's test scores. Renaissance Star test scores give only one picture of how a student is doing in school. Domain Scores estimate a student's mastery of each domain for the student's grade level. For example, a domain score of 50 for a 5th grader means the student would be expected to answer correctly approximately 50 percent of the fifth-grade items in that domain.

Grade Equivalent (GE) is a norm-referenced score ranging from 0.0 to 12.9+. It represents how a student's test performance compares with that of other students nationally. For example, a fifth-grade student with a GE of 7.6 performed as well on Star as a typical seventh-grader after the sixth month of the school year. This score doesn't necessarily mean that the student is capable of doing seventh grade —instead, it indicates that this student's skills are well above average for the fifth grade.

Percentile Rank (PR) is a norm-referenced score that provides a measure of a student's ability compared to other students in the same grade nationally. The percentile rank score, which ranges from 1 to 99, indicates the percentage of other students nationally who obtained scores equal to or lower than the score of a particular student. For example, a student with a percentile rank score of 85 performed as well as or better than 85 percent of other students in the same grade.

Scaled Score (SS) is useful for comparing student performance over time and across grades. A scaled score is calculated based on the difficulty of questions and the number of correct responses. Because the same range is used for all students, scaled scores can be used to compare student performance across grade levels. Star scaled scores range from 0 to 1400. All norm-referenced scores are derived from the scaled score.