

## Three-Year Average of Grade 4 Stanford 9 Achievement Test Results

Stanford 9 Subject	Pinecrest Median Percentile (National Average = 50)	Pinecrest Median Grade Level Equivalency (National Average = 4.8)	Percentage of Pinecrest Students Above Average
Total Reading	81.5	7.1	85
Reading Vocabulary	78	7.4	90
Reading Comprehension	79.5	7.8	80
Total Mathematics	85.5	7.8	85
Problem Solving	89	9.2	90
Procedures	78	6.4	75
Spelling	73.5	6.5	80
Language	85	9.8	90
Study Skills	80	8.7	90
Science	83.5	9.6	90
Social Science	86	7.9	85
Listening	74	8.0	75

At Pinecrest School, standardized tests are one of many ways we assess student performance. In order to gauge individual student growth, curriculum effectiveness and school-wide success, student progress is assessed regularly by a variety of means. Through daily informal assessment, anecdotal records, portfolios, running records, work samples, ongoing curriculum testing, and standardized testing, teachers continually monitor performance and curriculum.

The use of a norm-referenced achievement test such as the Stanford 9 allows our faculty and administration to compare Pinecrest students to a representative sample of public school students the same age and grade. Typically, our students achieve high scores as a result of many factors, one of which we believe is the exposure to so many unique learning opportunities and experiences at Pinecrest School. The scores and percentages indicated on this chart represent the average performance of students tested in a given month of the school year. During the past three years of testing, our fourth graders' median percentage scores in all tested areas have been at or above the 75<sup>th</sup> percentile, indicating that on average our students perform better on the test than 75% of students taking the test. Additionally, a large percentage of our students achieve above average scores in all areas of the test.

One additional measure of our students' success on the Stanford 9 test is the grade equivalency score, also shown on the chart above. The Stanford grade equivalent scale ranges from beginning kindergarten to 12.9 (grade 12). Scores higher than 12.9 are designated post high school (PHS). This interpretation of the test data shows how the student's performance on the test compares to how students at different grade levels would have performed on the same test. When a fourth grader scores above the fourth grade level on any subject (i.e., 7.9 in mathematics), it does not mean s/he has mastered his/her own grade level and also almost all of seventh grade mathematics. Instead, it indicates that the student's score is about the same as what the typical score of seventh graders had they taken the fourth grade test in that particular month of the school year. Pinecrest fourth graders' grade equivalency scores average to be about 9.0, indicating that our students perform as well on these tests as a ninth grader might, given the same test.

The scores on this chart represent three classes of fourth graders (20 students total) who took the test either in 2008, 2009, or 2010. At Pinecrest School, we take great pride in our students' achievement and growth. Our students always impress us, and these standardized test scores are no exception.