

Westminster Elementary School Integrated Learning Academy Tutoring Program 2015-2016

Students' Standard Scores on the WRAT-4

The WRAT-4 (Wide Range Achievement Test 4) was administered to students as a pre- and post-test as part of the 22-hour Brain Gym Tutoring Program between October 2015 and February 2016. The Wide Range Achievement Test 4 is a nationally norm-referenced test that measures the basic academic skills of word reading, sentence comprehension, spelling and math computation. Derived scores were developed for both age- and grade-referenced groups. Standard scores, percentile ranks, stanines, normal curve equivalents (NCEs), grade equivalents, and Rasch ability scaled scores are provided. For measuring growth in Westminster Elementary students, standard scores are reported. Similar to IQ scores, achievement test standard scores have a mean of 100 and a standard deviation of 15. These standardized scores reflect students' age and grade level and are referenced to a median of 100. Scores below 100 are below average and those above 100 are above average.

| Math | Pre-test | Post-test | Growth |
|----------------|-----------------|------------------|---------------|
| Student 1 | 114 | 124 | 10 |
| Student 2 | 115 | 120 | 5 |
| Student 3 | 104 | 110 | 6 |
| Student 4 | 94 | 103 | 9 |
| Student 5 | 95 | 114 | 19 |
| Average | | | 9.8 |

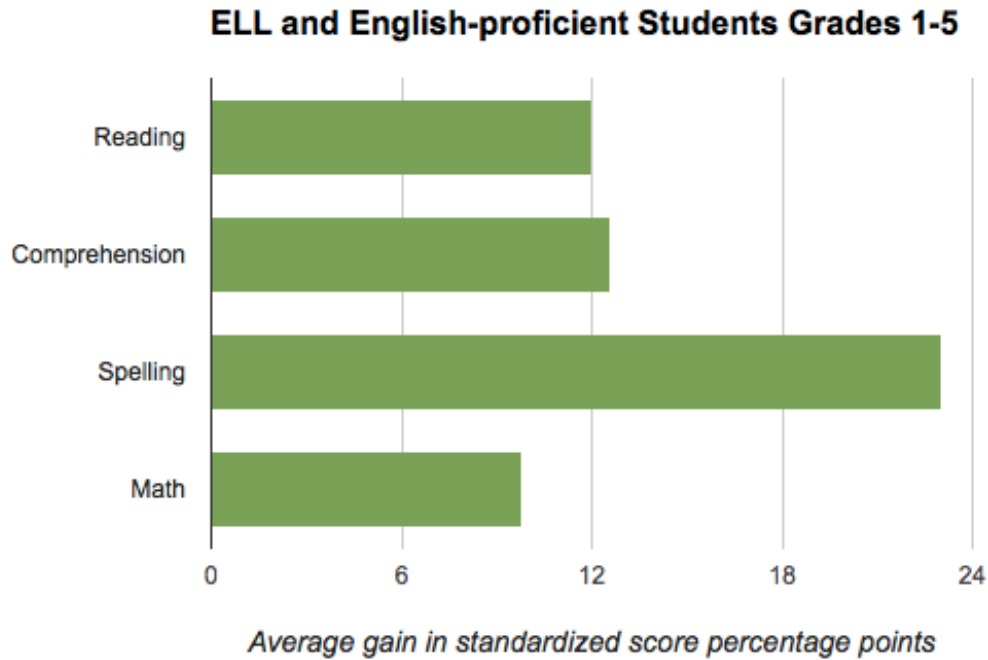
| Reading | Word Reading | | | Spelling | | | Sentence Comprehension | | |
|----------------|---------------------|------------------|---------------|-----------------|------------------|---------------|-------------------------------|------------------|---------------|
| | Pre-test | Post-test | Growth | Pre-test | Post-test | Growth | Pre-test | Post-test | Growth |
| Student 1 | 81 | 94 | 13 | 86 | 87 | 1 | 0 | 93 | 93 |
| Student 2 | 69 | 87 | 18 | 77 | 86 | 9 | 65 | 77 | 12 |
| Student 3 | 79 | 88 | 9 | 73 | 82 | 9 | 70 | 81 | 11 |
| Student 4 | 93 | 102 | 9 | 84 | 97 | 13 | 82 | 100 | 18 |
| Student 5 | 74 | 90 | 16 | 79 | 95 | 16 | 76 | 88 | 12 |
| Student 6 | 83 | 94 | 11 | 78 | 93 | 15 | 80 | 99 | 19 |
| Student 7 | 97 | 109 | 12 | 84 | 102 | 18 | 86 | 98 | 12 |
| Student 8 | 68 | 76 | 8 | 72 | 92 | 20 | 67 | 75 | 8 |
| Average | | | 12.0 | | | 12.6 | | | 23.1 |

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Academic Growth from Pre-test to Post-test

Following twenty-two hours of small-group instruction in reading or math, Westminster students made the following gains in academic skills:



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Parent Evaluation of ILA Program

We invited parents of all students to complete a program evaluation in their choice of English or Spanish.

“My student shows overall improvement in the following areas:”

