**Woodcock-Johnson - IV Tests of Achievement**

The WJ-IV Achievement Battery is a comprehensive, individually administered set of tests. The tests selected provide skill levels in reading, math, written language.  scores were used.

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| **Tests/CLUSTERS** | **Description of Tests** | **SS** | **%ile** | **Classification** |
| Letter-Word Identification | A measure of reading individual letters or words aloud. |  |  |  |
| Word Attack | A measure of ability to apply phonic & structural analysis skills |  |  |  |
| **BASIC READING** | A measure of sight vocabulary, phonic and structural analysis skills |  |  |  |
| Passage Comprehension | A measure of reading & comprehending text by supplying a key word that makes sense in context |  |  |  |
| Reading Recall | A measure of reading a short story silently, then recalling & retelling a story |  |  |  |
| **READING**  **COMPREHENSION** | A measure of reading comprehension, reasoning, and long term retrieval skills |  |  |  |
| Oral Reading | A measure of reading sentences aloud for accuracy and expression |  |  |  |
| Sentence Reading Fluency | A measure of reading statements quickly & silently to determine if they are true or false |  |  |  |
| **READING FLUENCY** | A measure of reading accuracy, prosody, and automaticity |  |  |  |
| Word Reading Fluency | A measure of vocabulary knowledge & semantic fluency when reading & identifying words that go together |  |  |  |
| **READING RATE** | A measure of automaticity & processing speed when reading words & sentences |  |  |  |
| Calculation | A measure of computation skills involving addition, subtraction, multiplication, & division |  |  |  |
| Math Facts Fluency | A measure of speed when solving simple addition, subtraction, & multiplication |  |  |  |
| **MATH CALCULATION**  **SKILLS** | A measure of computational skills and basic math facts automaticity |  |  |  |
| Applied Problems | A measure of listening, analyzing & performing math calculations to solve mathematical word problems |  |  |  |
| Number Matrices | Measures quantitative knowledge & fluid reasoning when viewing number patterns. |  |  |  |
| **MATH PROBLEM SOLVING** | Measures mathematical knowledge & reasoning skills |  |  |  |
| Sentence Writing Fluency | Measures the ability to formulate and write simple sentences efficiently. |  |  |  |
| Writing Samples | Measures quality of written expression when writing sentences. |  |  |  |
| Spelling | Measures the ability to spell words correctly |  |  |  |
| **WRITTEN EXPRESSION** | A measure of meaningful written expression and fluency |  |  |  |