



South River Public Schools

Department of Curriculum, Instruction and Personnel

South River Board of Education
South River, New Jersey 08882

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Dear Parent/Guardian:

Your child recently took the Cognitive Abilities Test (CogAT). This test consists of three batteries: verbal, quantitative, and nonverbal. The verbal battery measures how well the student is able to learn and solve problems related to words. The quantitative battery measures the development of numerical concepts. The nonverbal battery assesses skills in using figures and pictures to solve problems. The test appraises the level and pattern of developed abilities which are influenced by experiences both in and out of school, and assists educators in determining instructional strategies that would best meet the needs of your child. The results for your child are reported on the enclosed **Profile Narrative**. Scores are expressed as:

Age Scores – indicate your child's performance relative to other students approximately the same age who were administered the test nationally.

Raw Scores – indicate the number of test items for each battery, the number of responses your child attempted, and the number of test items your child answered correctly for each battery.

Grade Scores – indicate your child's performance relative to other students in the same grade who were administered the test nationally.

- **Standard Age Scores** range from 50-150, with 100 being the midpoint or median.
- **Stanines** compare a student's performance with that of the national sample. Stanines range from 1 to 9, with the 5th stanine being the midpoint or median.
- **Percentile ranks** range from 1 to 99, with the 50th percentile being the midpoint or median. A percentile rank of 45 would mean that the student performed as well or better than 45 percent of the students in the national sample. It does not mean that the student answered 45 percent of the questions correctly.

More information regarding your child's score report can be found on the district's website: Visit the *Curriculum* page and click on *Gifted and Talented*. There you will find the *CogAt score Interpretation Guide*.

As is true of any standardized test, this test measures only a sample of the skills that could be tested, and the results represent the performance of the student on the day or days tested. Test scores should never be used alone to make decisions about a student and can be helpful when used with other information.

If you have any questions about this score report, please contact Lauren Cogliandro, Gifted and Talented Teacher at South River Public School District.

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Abilities	Age Scores			APR Graph				
	Standard Age Score	Age Stanine	Age Percentile Rank	1	25	50	75	99
Verbal	102	5	55					
Quantitative	115	7	83					
Nonverbal	107	6	67					
Composite (VQN)	108	6	69					

The first column in the Age Scores section, the Standard Age Score (SAS) scale is a normalized standard score scale for each battery and the Composite. The SAS has a mean of 100 and a standard deviation of 16. It permits educators to compare the rate and level of cognitive development of an individual to other students in the same age group. For example, students who have an SAS of 100 on the Verbal Battery have a rate and level of development of verbal reasoning skills that is typical of their age group.

The second column in the Age Scores section shows the Stanine Age Score. The stanine scale is a normalized standard score scale consisting of nine broad levels designated by the numbers one through nine. Stanines are groupings of percentile ranks. A higher stanine equates with a higher level of cognitive abilities development. A comparison of Stanines and Percentile Ranks are summarized in the table below:

Stanine	Percentile rank	Description
9	96-99	Very High
8	89-95	Above Average
7	77-88	Above Average
6	60-76	Average
5	40-59	Average
4	23-39	Average
3	11-22	Below Average
2	4-10	Below Average
1	1-3	Very Low

The third column in the Age Scores section shows your student's **Age Percentile Rank** for each section and the composite (once again the national percentile rank). A percentile rank indicates the percentage of students in the same age group whose scores fall below the score obtained by a particular student. For example, if your student obtains a percentile rank of 90 on the verbal battery, it means that 90 percent of students in the standardized sample scored below your student. A percentile rank of 50 is considered average.