

Cognitive Abilities Test (CogAT)

Understanding the
Student Profile and its
Use for Educational
Planning

Fall Semester 2015

Educational Planning

- The Cognitive Abilities Test (CogAT) is administered to all third grade students in WCPSS.
- The CogAT benchmark testing is used for educational planning.
- Individual student data is accessed by the Academically or Intellectually Gifted (AIG) Program and other WCPSS educational programs.

CogAT Scores

Please refer to the sample CogAT Report included with the meeting hand-outs.

The CogAT Batteries are:

- **Verbal** – measure of verbal reasoning skills
- **Quantitative**– measure of math reasoning skills
- **Nonverbal** – measure of visual-spatial reasoning

CogAT Composite Scores

- The **Quantitative-Nonverbal Partial Composite** score (QN Partial Composite) indicates cognitive reasoning resources for nonverbal learning.
- The **Composite** score indicates the overall strength of the student's cognitive resources for learning.



PROFILE NARRATIVE FOR
Cognitive Abilities Test™ (CogAT®)

Class:
Building:
District: WAKE COUNTY P S

Student:
Student ID:
Form-Level: 7-9
Test Date: 09/2012
Norms: Fall 2011
Grade:

Abilities	Age Scores			APR Graph				
	Standard Age Score	Age Stanine	Age Percentile Rank	1	25	50	75	99
Verbal	99	5	48	[Graph showing score at 5th stanine]				
Quantitative	122	8	92	[Graph showing score at 92nd percentile]				
Nonverbal	132	9	98	[Graph showing score at 98th percentile]				
Composite (QN)	128	9	96	[Graph showing score at 96th percentile]				
Composite (VQN)	121	8	91	[Graph showing score at 91st percentile]				

Abilities	Raw Scores			Grade Scores		Local Scores	
	Number of Items	Number Att.	Number Correct	Grade Stanine	Grade Percentile Rank		
Verbal	82	44	37	5	59		
Quantitative	52	51	41	8	94		
Nonverbal	56	53	46	9	98		
Composite (QN)				9	97		
Composite (VQN)				8	93		

Notes:

ability profile is BE (V-). Visit www.cogat.com for more detailed information on profile BE (V-). Click on the "Interactive Profile Interpretation System" button. Enter BE (V-) in the "Input Your Score Profile" section. Click "Search".

Number Att. = Number Attempted
Please contact your child's teacher if you need assistance with score interpretation.

Overview

recently took the Cognitive Abilities Test (CogAT). CogAT measures the development of verbal, mathematical, and spatial reasoning abilities that are essential for success in school. Students with different patterns of scores on CogAT have different learning styles. By knowing s learning preferences, teachers can help her achieve greater success in school.

Profile of Test Scores

overall performance is in the above average range, and her Verbal Battery score is much lower than the scores on the other batteries. She has a significant weakness in verbal reasoning. Whenever a student shows a relative cognitive weakness, the goals for classroom instruction are

- to use the student's relatively stronger areas to encourage the development of the weaker area.
- to modify individual instruction so that the student is not forced to rely on a very weak ability in order to learn.

Because verbal reasoning skills are so important to success in school, encourage to improve these skills. Focusing on reading comprehension can build verbal reasoning abilities. would also benefit from a language curriculum with additional opportunities for developing her speaking and writing abilities.

More Information on / Scores

The sections to the left explain performance using different types of comparisons and score scales.

- The Age Scores section compares her performance to students across the nation who are also 8.11 years old.
- The Grade Scores section compares her performance to students across the nation who are also in grade 3.

Each of these sections includes one or more scores. The Stanine reports / performance on a scale from 1 (lowest) to 9 (highest). The Percentile Rank indicates the percentage of students in each comparison group whose scores fell below the score obtained by .

National Age Scores

- **Stanine** – a type of normalized standard score scale ranging from 1 to 9 with 5 being the mean (average).
- **Percentile** – indicates the percent of students in the representative age group who obtained lower raw scores on the test.

Graphs and Profiles

- A bar graph of the student's scores appears on the score report as a visual representation of the student's percentile score.
- Your student's individual profile code is listed after the subtitle "**Ability Profile**".
- Additional information regarding your child's profile can be found at: www.cogat.com by keying in the profile code of your student.

Profile Codes

- The profile code contains a number and a letter, for example, 8E (V-N+) or 7*B* (V+).
- The number represents the median stanine and the letter indicates the type of score pattern.
- The letter score patterns are: A, B, C or E.

Percentile and Stanine Descriptions

Description	Percentile	Stanine
Very High	96-99	9
Above Average	89-95	8
Above Average	77-88	7
Average	60-76	6
Average	41-59	5
Average	24-40	4
Below Average	12-23	3
Below Average	5-11	2
Very Low	1-4	1

Student Profiles

- **A Profile** – all subtest scores are roughly the **sAme**
- **B Profile** – one subtest score is either **aBove** or **Below** the other two subtest scores
- **C Profile** – two subtest scores **C**ontrast indicating a relative strength and a relative weakness
- **E Profile** – the difference between the high and low subtest scores is **E**xtrême

Raw Scores

- **Number of Items** = the number of questions on the subtests.
- **Number Att.** (attempted) = the number of questions the student answered.
- **Number Correct** = the total number of items the student answered correctly.

National Grade Scores

- The grade scores compare the student to other students at the same grade level nationally.
- Grade scores are NOT used for identification since students in a given grade may vary greatly in terms of their age.

The Next Step.....

- Students with an age-based Composite or subtest battery score at or above the 85th percentile (85%) are eligible to take the Iowa Assessments (Iowa).
- Parents will receive a *permission form* that must be signed and returned to the school before the student can take the Iowa.

AIG Identification

- The CogAT and Iowa scores are reviewed.
- Additional factors (Informal Indicators) are considered in determining AIG eligibility. These factors include student interest, motivation, classroom performance, third grade Explorers' work samples, parent and teacher checklists, etc.
- The overall profile of the student is considered in the overall identification process.

Additional Steps in the AG Identification Process

- School Based Committee for Gifted Education (SBCGE) meets to nominate and refer students.
- Parents sign and return the *Consent For Evaluation*.
- Formal and Informal data are compiled.
- SBCGE makes final recommendations for reading and/or math identification and level of service.

AIG Identification Process continued....

- SBCGE recommendations from schools are reviewed in May by the AIG Program Central Services Committee.
- Parents are informed of the final AIG recommendations by the end of the 2nd semester.
- AIG service begins at the beginning of the 4th grade year after parents sign and return the *Initial Consent for Service*.

AIG Program and Testing Information

- Test Coordinator: _____
- School Counselor: _____
- 3rd Grade Classroom Teachers: _____
- AIG Resource Teacher: _____
- AIG Parent Guide
- AIG Program Website:
<http://www.wcpss.net/curriculum-instruction/ag/>
- AIG Program Office: *Crossroads 1*
5625 Dillard Drive, Cary, 431-7657