



# Interpreting Test Scores

**Bethany Lutheran School**

**Dr. Mary Fink, Principal**



# About the tests...

- **ITBS: Iowa Test of Basic Skills**
  - **Form E-new in 2013**
  - **Given in Grades 3-8**
- **CogAT: Cognitive Abilities Test**
  - **Given in Grades 3, 5, and 7**



# ITBS: What is tested?

- English Language Arts:
  - Reading
  - Written Expression
  - Conventions of Writing
  - Vocabulary
- Mathematics
  - Mathematics
  - Computation
- Science
- Social Studies



# CogAT: What is tested?

- Given in Grades 3, 5 and 7.
- Measures learned reasoning and problem-solving skills in three areas-
  - Verbal ability
  - Nonverbal ability
  - Quantitative ability
- These abilities are good predictors of school success. CogAT does not measure effort, attention, motivation and work habits, which are also key.
- CogAT is **NOT** an IQ test.

# Score Reports

**PROFILE NARRATIVE FOR** [REDACTED]  
Iowa Assessments™

Building: Delmar Lutheran L5  
System: P S D Lutheran

Student ID: [REDACTED]  
Form Level: 6-12  
Test Date: 10/20/13  
Norms: Fall 2011

Iowa Assessments	Test Scores		NPR Graph				
	PNPR	NPR	10	25	50	75	90
Reading		88	[Progress bar]				
Written Expression		89	[Progress bar]				
Conventions of Writing		99	[Progress bar]				
Vocabulary		96	[Progress bar]				
<b>ELA TOTAL</b>		<b>98</b>	[Progress bar]				
Mathematics		81	[Progress bar]				
Computation		99	[Progress bar]				
<b>MATH TOTAL</b>		<b>95</b>	[Progress bar]				
<b>CORE COMPOSITE</b>		<b>96</b>	[Progress bar]				
Social Studies		99	[Progress bar]				
Science		99	[Progress bar]				
<b>COMPLETE COMPOSITE</b>		<b>99</b>	[Progress bar]				

**Legend**

LEYLE = Lexile Range  
 NPR = National Percentile Rank  
 PNPR = Predicted NPR

[REDACTED] was recently given the Iowa Assessments. This report is designed to give you information about [REDACTED] achievement level in core subject areas. Along with the results of this assessment, classroom work, grades, and other test results should also be reviewed for a more complete picture of academic progress.

**[REDACTED] Achievement Today**

The graph to the left provides the National Percentile Rank (NPR) for each test and test composite in the assessment. The NPR indicates the percent of students in the same grade who obtained a lower score than [REDACTED].

Scores from 75-99 are in the above average range. Students with ELA Total and/or Mathematics Total scores in this range may be ready for more advanced work including extending ideas when reading, developing an advanced reading vocabulary, or writing with logic and clarity, as well as expanding on higher level problem solving and data analysis skills in mathematics.

Scores from 25-74 are in the low average to high average range. Students with ELA Total and/or Mathematics Total scores in this range may continue to improve by developing such skills as drawing conclusions when reading, expanding reading vocabulary, or writing with attention to sentence structure and purpose, as well as solving number sentences and reading basic charts and graphs.

Scores from 1-24 are in the below average range. Students with ELA Total and/or Mathematics Total scores in this range may require reinforcement in such areas as understanding stated information when reading, developing a basic reading vocabulary, or writing with standard usage and grammar, as well as understanding number properties or solving simple number sentences.

## •NPR-

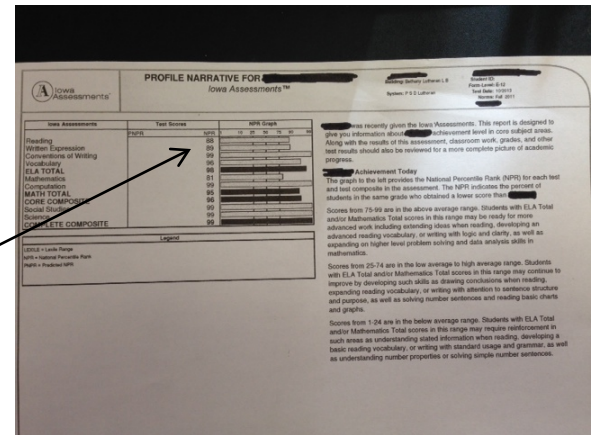
### ○“National Percentile Rank”

○Tells the percentage of students who scored **LOWER** than this student at this grade level.

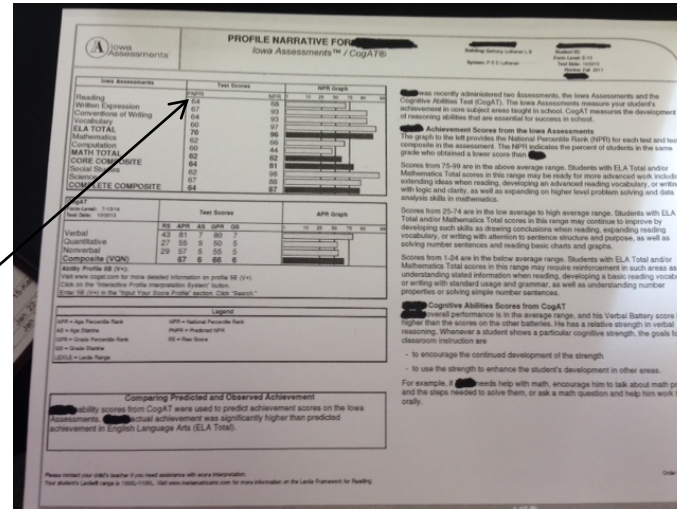
○Think of the **NPR** as a race of 100 students. If your child is in the 99<sup>th</sup> percentile, there are 98 kids **BEHIND** him or her in the race.

○The 50<sup>th</sup> percentile is average.

○The test is designed to force scores into a standard bell curve, so the test always contains items that are very easy, very hard and just right.



# If your child is in Grades 3, 5 or 7, you will also see:



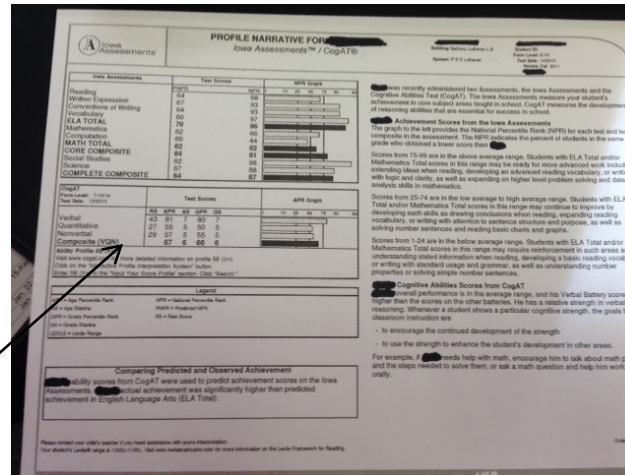
## •PNPR-

○Predicted National Percentile Rank”

○Tells how the student was *predicted* to perform based on their CogAT score.

○Your child’s score may be higher or lower than *predicted*, based on their abilities.

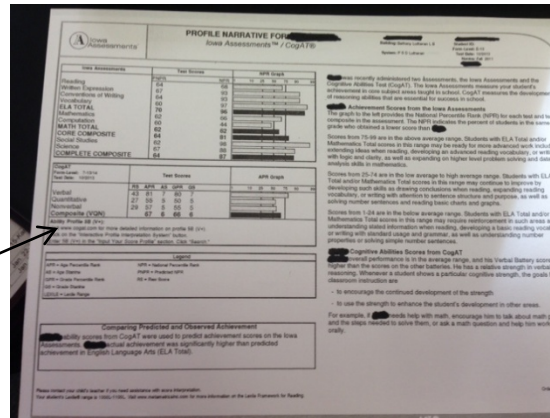
# If your child is in Grades 3, 5 or 7, you will also see:



- Cognitive Abilities Test scores for Verbal, Quantitative, and Nonverbal. These are combined for a Composite score.



If your child is in Grades 3, 5 or 7, you will also see:



• **Ability Profile:** Weird set of numbers and letters in the upper right corner.

○ Go to [www.riversidepublishing.com](http://www.riversidepublishing.com)

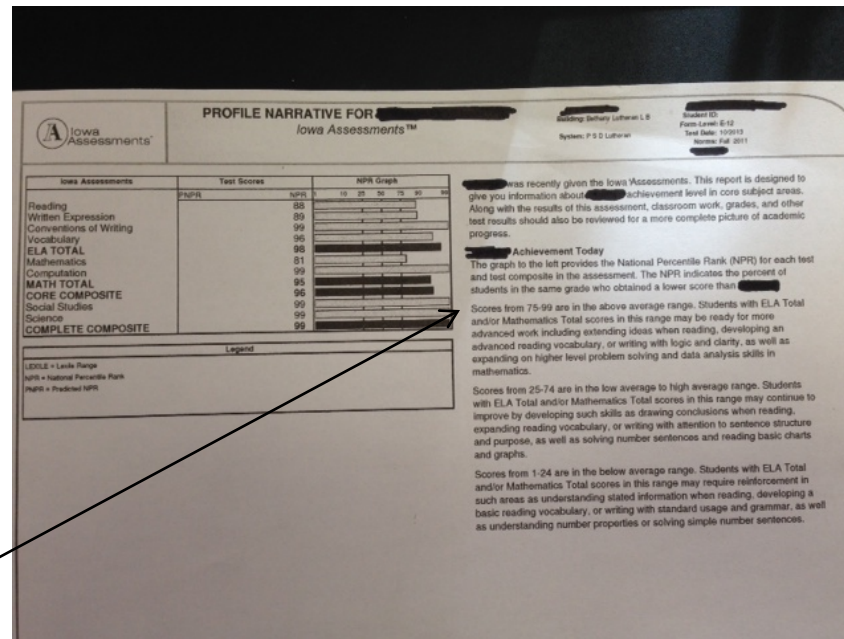
○ Choose “Products A-Z”

○ Find Cognitive Abilities Test-7 under “C”

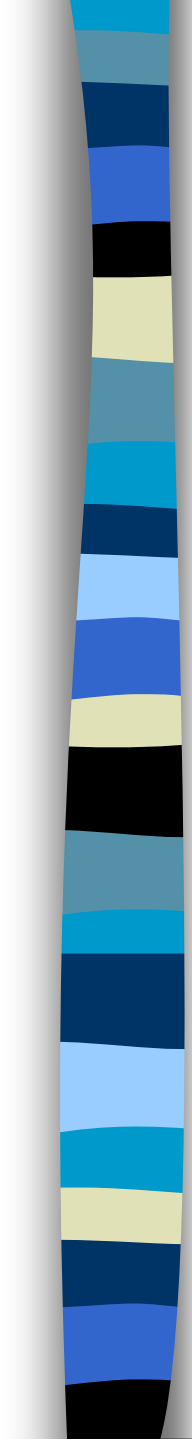
○ Look for Ability Profile Interpretation System toward the top of the page.

○ Enter your child’s data for information.

# For all grades:



- The paragraph on the right has some helpful information for interpreting your child's scores.



If you have questions regarding your child's test scores, we  
are happy to meet with you.  
Please contact the school office to set up an appointment.