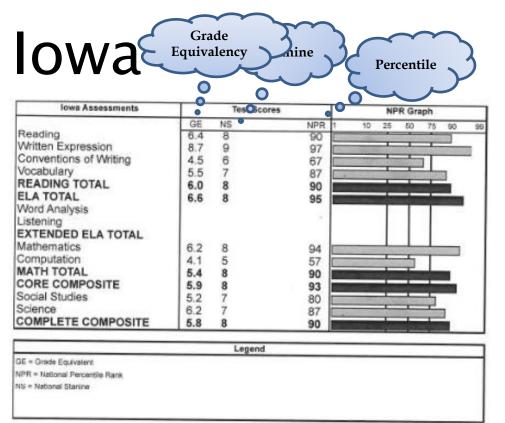
Understanding and Interpreting the Iowa Assessment and CogAT



Iowa Assessments



CogAT Cognitive Abilities Test

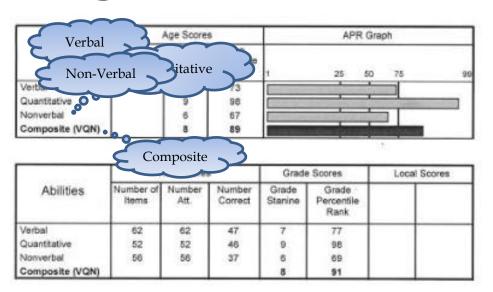




Measures achievement in:

- Reading
- Language
- Vocabulary
- Math
- History
- Science
- 1. Track student's development/progress from year-to-year
- 2. National comparison of student's achievement:
 - a. NS Stanine
 - b. GE Grade Equivalency
 - c. NPR Percentile
 - d. *New: PNPR Predicted Percentile (based on CogAT score)

CogAT





- 1. Guide efforts to adapt instruction to the abilities of students
- 2. Cognitive Development not represented in core subjects
- 3. To compare:
 - a. Academic testing ability with achievement
 - b. Classroom grades with ability
- 4. AGE and GRADE comparison

Verbal

- Verbal Aptitude
- Word Knowledge
- Use of Language and Verbal Reasoning
- High Score = expected to do well in reading and language activities

Quantitative

- Mathematical reasoning
- Problem solving ability
- High scores = perform well with mathematical equations and concepts

Non-Verbal

Reasoning
Problem solving ability
with patterns,
relationships and
categories
High score = does well
with logic, creative
thinking and technology

How to Compare



- 1. Note CogAT Percentile Ranking
- 2. Note Iowa Percentile Ranking
- 3. CogAT higher than Iowa is a student with higher ability than performance
- 4. CogAT lower than Iowa is a student with lower ability than performance
- 5. Testing vs. Classroom Grades

CogAT Interactive Profile



- Input student's score profile to read brief description of learned reasoning activities.
- Suggestions for using scoring to help student more effectively.
- Help teachers better evaluate students.
- Consider additional factors that may contribute to the needs of your student.
- LINK: http://www.hmhco.com/cogat/cogatprofile