

Greenwich Public Schools
Advanced Learning Program

Understanding Z Scores

ALP Leadership Team

Tara Fogel, Dr. Benjamin Markus, Bonnie O'Regan, Mike Reid

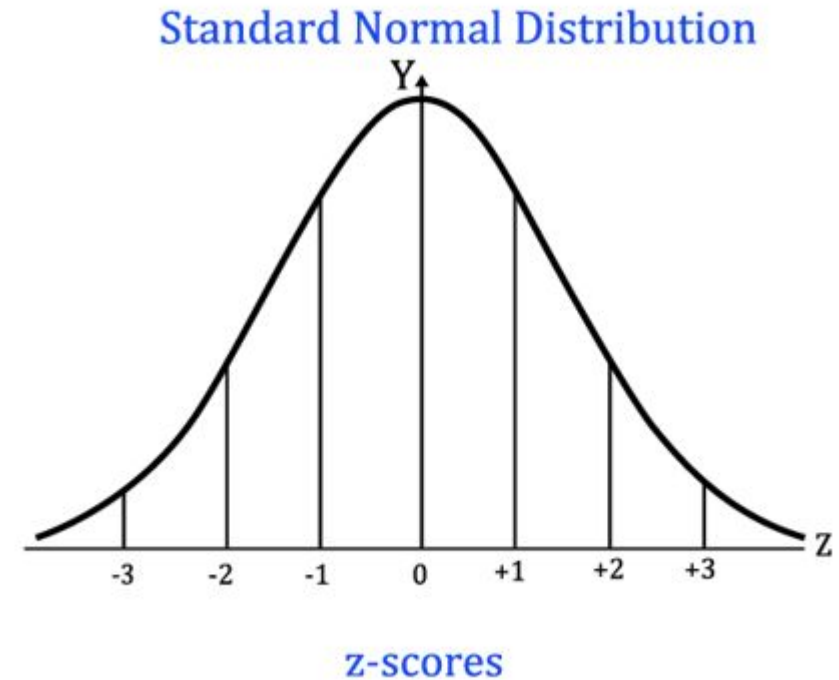
Grades 2-5: Placement

Score Analysis

- Initial Testing Analyzed (ALP Facilitator)
- “Z-Score” Calculation

Z- Scores

- What does the z-score tell you?
- Why are z-scores important?
- How do you interpret a z-score?



$$Z = \frac{x - \mu}{\sigma}$$

Score x Mean μ
SD σ

Analysis using Z-scores

Reading

- Averaged Z-scores
 - CogAT Verbal
 - NWEA Reading
 - Literature Task

Math

- Averaged Z-scores
 - CogAT Quantitative
 - NWEA Math
 - Problem Solving Task

Grades 2-5: Placement

Score Analysis

- Initial Testing Analyzed (ALP Facilitator)
- “Z-Score” Calculation
- Ranking



**Building Advisory
Committee:**
Score reports
reviewed,
recommendation
made

Purpose of Building Advisory Meeting

- The goal is the most appropriate academic placement possible to ensure success for your child's educational experience in the Greenwich Public School District.
- Look for compelling evidence that a child's academic needs **cannot** be met in a general education classroom through a comprehensive educational program

Grades 2-5: Placement

Score Analysis

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- Ranking



Placement Requirements:

Top 10% of District Achievement
Top 10% of Building Achievement

**Building Advisory
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Score reports
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Questions



advancedlearning@greenwich.k12.ct.us

Math: Mike Reid mike_reid@greenwich.k12.ct.us

Humanities: Dr. Benjamin Markus benjamin.markus@greenwich.k12.ct.us

Science: Tara Fogel tara_fogel@greenwich.k12.ct.us

Assessments: Bonnie O'Regan bonnie_o'regan@greenwich.k12.ct.us

Test Security

Placement Tests are **SECURE** materials.

No tests are to be retained at the district or school level.

For security reasons, tests may be viewed on only two occasions:

1. When students are taking an assessment
2. When educators are reviewing Item Analysis Reports

