Acuity
APPR Local Assessment Guidance

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Acuity Recommended Method is Based on Student Growth Percentile

Measure growth by comparing the student’s growth relative to the growth of the student’s academic peers*—a set of reference students with the same score as the given student on the first form.
Acuity Longitudinal Report

- Shows student’s score on Form A and Form B
- Score on Form A defines starting point
- Score on Form B is interpreted by the percent of students with same starting point achieved the same score on Form B
Example

- Student scores 455 on Form A and 508 on form B
- Student’s Form B score was at the 95\textsuperscript{th} percentile for all students who started at 455
Acuity Scaled Score Growth

Form 4A score: 455
Form 4B score: 508
Scale Growth = 508 - 455 = 53 points
Acuity Growth Comparison to Peers

Score distribution on Form 4B for Bill's academic peers.
Acuity Growth Report
Acuity Growth Report Legend

- 1 = score on form 4A
- 2 = growth percentile
- 3A & 3B = growth from form A to form B
- 4 = band for typical growth
- 5 = typical range on next test
- 6 = predicted result on state test
Acuity’s Interpretation of the Percentile Score

- Over 65 – high level of growth
- Less than 35 – low level of growth
- Otherwise – typical growth
Acuity’s Recommended Method of Calculating Teacher Growth Score

- Find the median student growth percentile for all students in a teacher’s class or classes of the same course.
- The district must decide how to align that score with the 20 points.
NYSED Subcomponent and Composite Scoring Ranges for 2011-2012

See handout
Hypothetical Application by Unknown District

- Ineffective and developing teachers are in Acuity’s recommended “below typical range”
- Effective teachers are in Acuity’s recommended “typical range”
- Highly effective teachers are in Acuity’s recommended “above typical range”
Application of Decisions: Low Level of Growth

○ Ineffective
  ● Percentile 0 – 3 → 1 APPR point
  ● Percentile 4 – 6 → 2 APPR points
Application of Decisions: Low Level of Growth

○ Developing
  - Percentile 7 – 9 → 3 APPR points
  - Percentile 10 – 12 → 4 APPR points
  - Percentile 13 – 15 → 5 APPR points
  - Percentile 16 – 18 → 6 APPR points
  - Percentile 19 – 21 → 7 APPR points
  - Percentile 22 – 24 → 8 APPR points
  - Percentile 25 – 27 → 9 APPR points
  - Percentile 28 – 30 → 10 APPR points
  - Percentile 31 – 33 → 11 APPR points
Application of Decisions: Typical Level of Growth

- **Effective**
  - 34 – 38 → 12 APPR points
  - 39 – 43 → 13 APPR points
  - 44 – 48 → 14 APPR points
  - 49 – 53 → 15 APPR points
  - 54 – 58 → 16 APPR points
  - 59 – 63 → 17 APPR points
Application of Decisions: High Level of Growth

- **Highly Effective**
  - 64 – 74 \(\rightarrow\) 18 APPR points
  - 75 – 86 \(\rightarrow\) 19 APPR points
  - 87 – 100 \(\rightarrow\) 20 APPR points