



nwea State Solutions

A pioneering approach to growth helps every student succeed

Evaluating student academic growth is most powerful when it goes beyond comparing annual proficiency scores to accurately measuring performance both within and across grade-level expectations. NWEA® doesn't just deliver these insights. We make them actionable by putting growth data in the context of student and school norms nationwide. When administrators, educators, and parents understand the comparative significance of academic progress over time, they can take meaningful action to maximize student learning.

Reveal learning needs with cross-grade, equal-interval scale

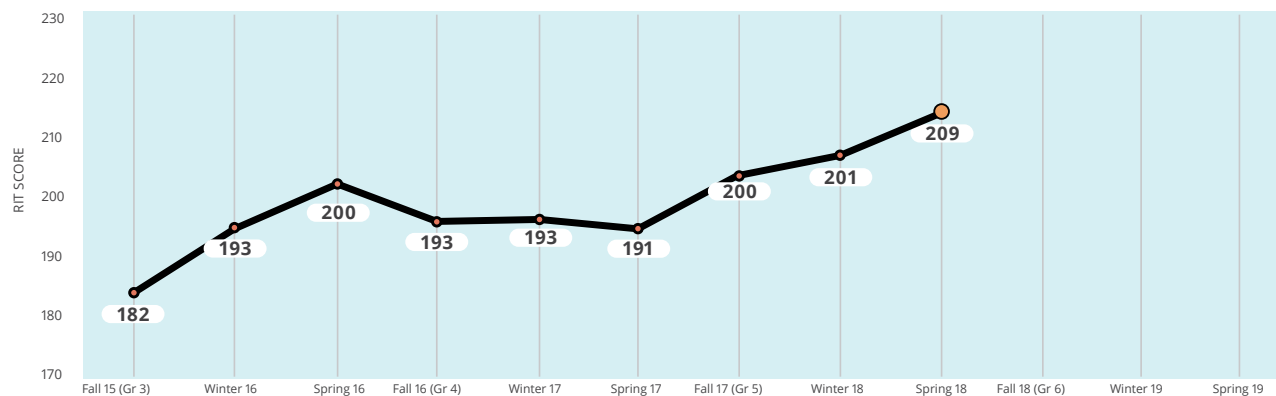
Consistently measure growth over time

We measure growth from K-12 using the same equal-interval scale, so you can gauge how much a student has grown within each year and across years. You can also discern how each student's learning pace compares to the previous year.

Assess performance within and across grade levels

NWEA accurately reveals the learning strengths and needs of all students, whether they are performing on, above, or below grade level.

Measure growth within each year and across years



Gain meaningful context with achievement and growth norms

Compare growth against a large, representative sample population

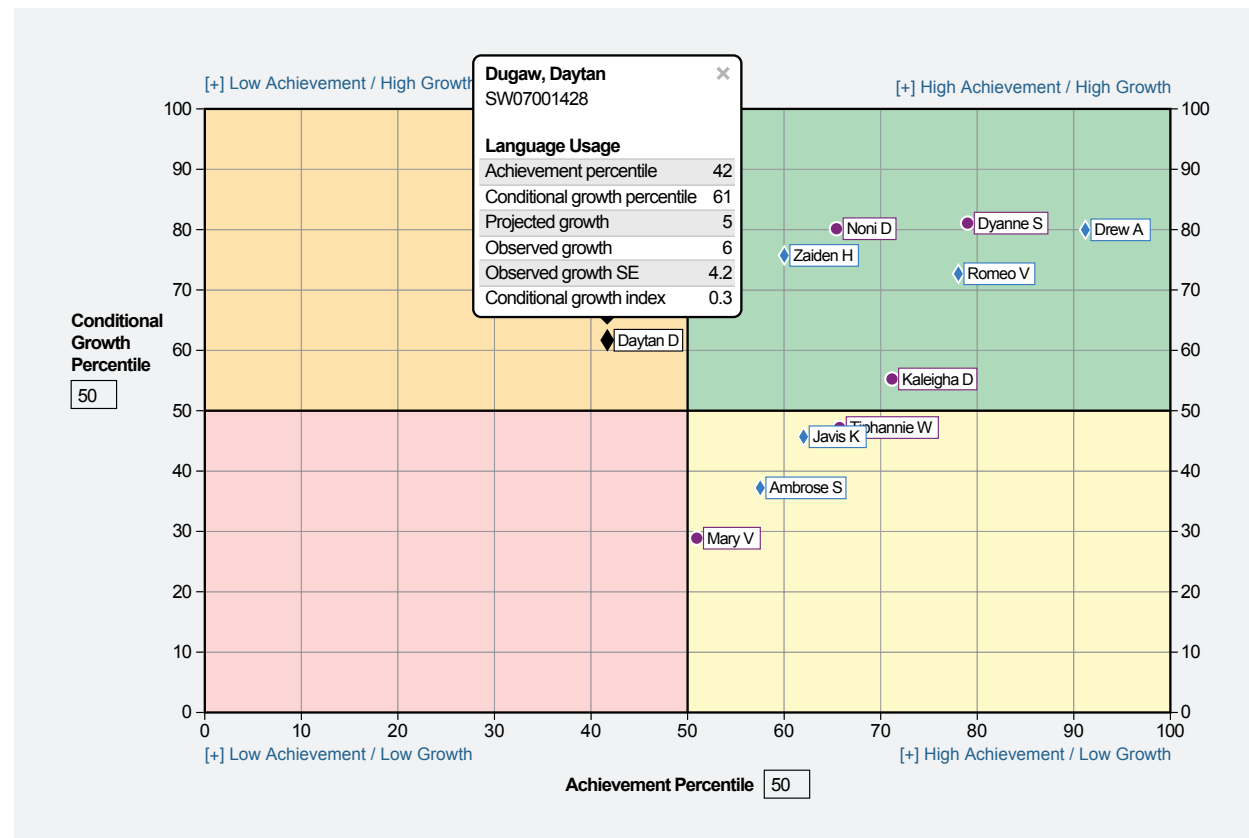
Our growth norms are derived from a test record pool of more than 10 million students nationwide. They take into account demographics and geography, along with recent changes in curriculum, educational standards, and other factors that may impact learning.

Discover what students have learned and what's possible

Norms allow educators to compare achievement—and changes in achievement (growth)—between assessments to students' performance nationwide in the same grade at a comparable stage of the school year. Only NWEA accounts for instructional progress in growth norms.

- Achievement percentiles offer a one-time snapshot that reveals how well a student performed compared to students in the same grade and subject
- Growth percentiles go beyond showing whether a student reached “target growth” to reveal what percentage of similar students grew less than or equal to a student in the same period of time

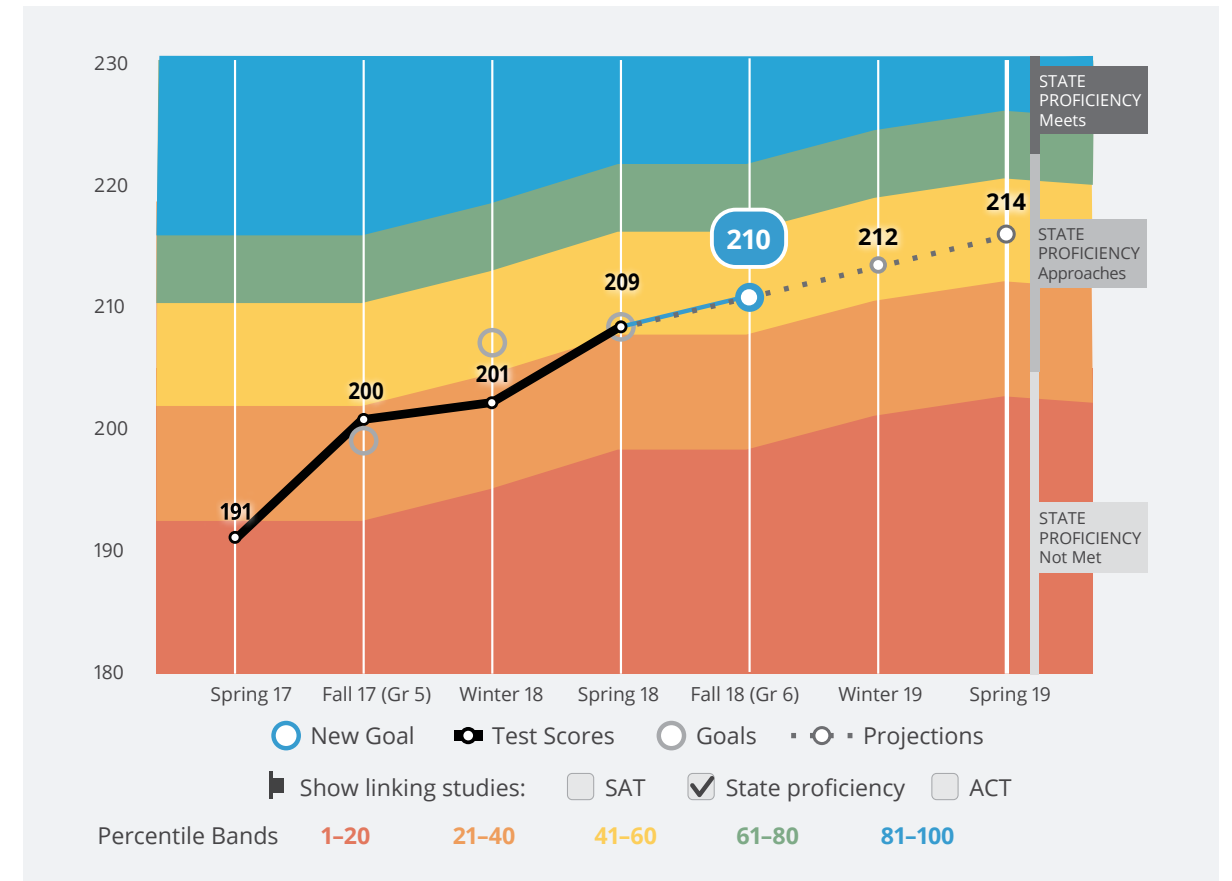
Use growth and achievement percentiles to put progress in context



Gain insights that inform instruction

Seeing a student's achievement and growth in comparison to peers nationwide helps educators understand where students stand, what they can reasonably achieve next, and what may be possible beyond that. Knowing whether growth was below average, average, or exceptional helps them make effective program placement decisions and set attainable—and even stretch—goals for each student.

Use growth percentiles to drive achievable targets



Make informed systems changes

School-level norms show how a grade level within a school compares to the same grade level in another school and in public schools across the U.S. Equipped with this insight, leaders can monitor school progress and adapt programs, policies, and practices to better support student learning.

2015 READING School Growth Norms						
Grade	Begin-to-Mid Year		Mid-to-End Year		Begin-to-End Year	
	Mean	SD	Mean	SD	Mean	SD
K	10.3	1.73	6.8	1.29	17.1	3.02
1	10.8	1.59	6.0	1.20	16.8	2.79
2	9.5	1.43	4.5	1.07	14.0	2.50
3	7.3	1.17	3.0	0.88	10.3	2.05
4	5.4	0.96	2.3	0.72	7.8	1.68
5	4.2	1.02	2.0	0.77	6.1	1.78
6	3.2	1.10	1.5	0.82	4.8	1.92
7	2.5	1.05	1.3	0.79	3.7	1.83
8	1.9	1.29	1.0	0.97	2.8	2.25
9	1.1	1.33	0.6	1.00	1.7	2.32
10	0.6	1.59	0.2	1.19	0.7	2.78

2015 MATHEMATICS School Growth Norms						
Grade	Begin-to-Mid Year		Mid-to-End Year		Begin-to-End Year	
	Mean	SD	Mean	SD	Mean	SD
K	11.4	1.77	7.7	1.32	19.1	3.09
1	11.4	1.71	7.0	1.28	18.4	2.99
2	9.5	1.52	5.7	1.14	15.2	2.66
3	7.8	1.26	5.2	0.94	13.0	2.20
4	6.8	1.30	4.8	0.97	11.6	2.27
5	5.8	1.54	4.1	1.16	9.9	2.70
6	4.4	1.33	3.3	1.00	7.7	2.33
7	3.5	1.22	2.5	0.92	6.0	2.13
8	2.9	1.26	1.8	0.94	4.6	2.20
9	2.0	1.36	1.2	1.02	3.1	2.38
10	1.5	1.53	0.9	1.15	2.3	2.67

Accurately predict performance on state tests with a valid growth measure

With our valid growth measure, NWEA evaluates students' acquisition of knowledge as defined by your standards and accurately predicts testing performance. Much of the evidence for MAP® Growth™ validity comes from two relationships between MAP Growth test scores and state content-aligned accountability test scores:

- Concurrent – the relationship between student performance on MAP Growth tests and state accountability tests
- Predictive – the relationship between student performance on MAP Growth tests and accountability tests two testing terms later

Concurrent and predictive validity indicate the extent to which test scores are predictive of student performance on other assessments. MAP Growth is strong in both areas, meeting the requirements of .70 concurrent and .50 predictive validity statistics. As a result, educators can monitor whether students are on track to reach proficiency targets established by the state test.


Monitor growth toward proficiency with accurate predictions of state test performance

PROJECTIONS

Projected result for tests

APPROACHES	Your State's Proficiency Level If taken in the spring LINKING STUDY
NOT ON TRACK	ACT College Readiness If taken in the spring LINKING STUDY
ON TRACK	SAT College Readiness If taken in the spring LINKING STUDY

MAPPING THE ROAD TO COLLEGE



See where Sadie's MAP Growth scores can take her.

[COLLEGE EXPLORER TOOL](#)

In partnership with NWEA, your state can deliver unparalleled growth insights that empower educators to accelerate learning and close achievement gaps.

Contact us at 866.654.3246 to learn how.

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