THE SCHOOL DISTRICT OF PHILADELPHIA

Progress Monitoring Math
Goal 3: Grades 3-8

April 20, 2023
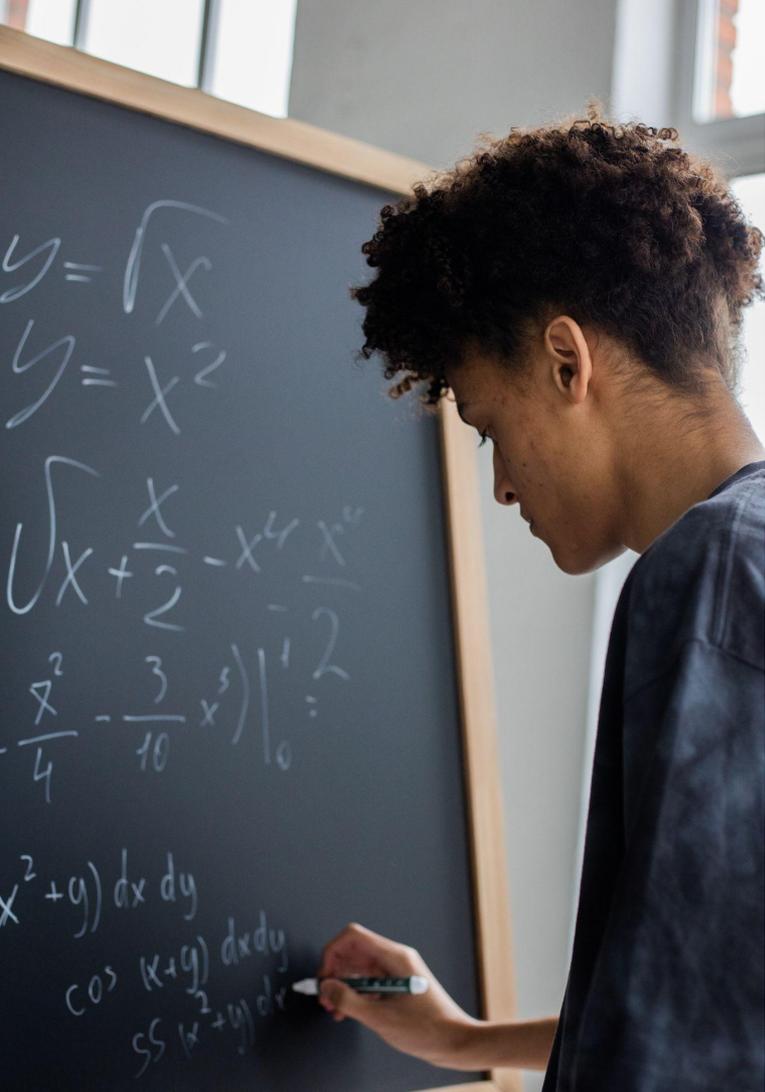
Board Goal 3: Math Performance

Goal 3: The percentage of students in grades 3-8 who are proficient on the PSSA-Math

What are our indicators?

The percentage of students who score at or above grade-level on the District's within-year reading assessment (Star) in Fall, Winter, and Spring each year.

Math Performance Highlights

- While annual PSSA proficiency was increasing in the years before COVID, we saw a decline of 5 percentage points post-pandemic, from 2018-19 to 2021-22.
- At the same time, our within-year screener data increased from Fall to Winter this year, but is still below the annual target.
- More schools had accelerated student growth this year compared to last year from Fall to Winter.
- We have had some success with development and coaching approaches to Math in the past.
- We are looking forward to new materials and a new plan for implementation and use of the materials in the future.
- The innovative approaches anticipated in the strategic plan will help bolster performance in Math in the future.

Where Have We Been?

Goal 3: In 2021-22, 16.5% of students in grades 3-8 scored proficient or advanced on the PSSA-Math. This is down 4.9 percentage points from 2018-19.

% Proficient/Advanced on PSSA Math (Grades 3-8)

School Year	Value
2016-2017	18.9%
2017-2018	20.2%
2018-2019	21.6%
2020-2021	24.6% (target)
2021-2022	16.5% (actual); 28.7% (target)
2022-2023	33.8%
2023-2024	39.4%
2024-2025	45.4%
2025-2026	52.0%

Legend: ● % Grade 3-8 Students Proficient/Advanced on PSSA Math ● Annual Goal 3 Targets
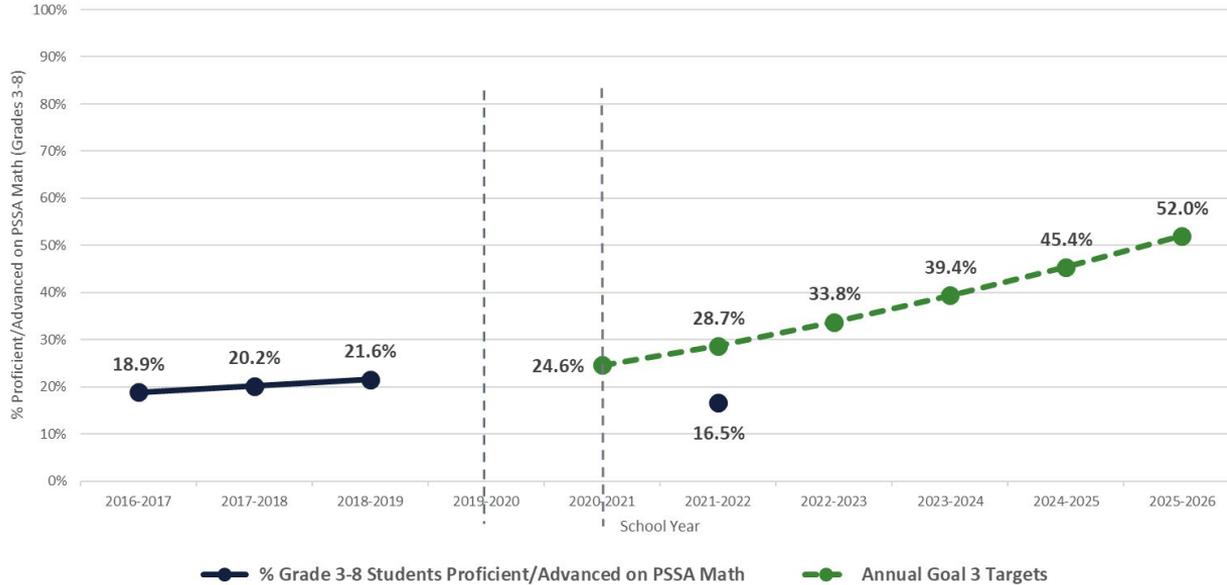
- We are currently 12.1 percentage points below the 2021-22 target.

- **Most states with available state standardized test data registered declines in Math proficiency** from 2019 to 2022.

Source: Qlik PSSA and Keystones App, 2/17/23. District and Alternative Schools. Office of Evaluation, Research, and Accountability.

Where Are We Now?

The percentage of students in grades 3-8 scoring At/Above Grade Level increased since last winter but is still below the target.

Goal 3 - Leading Indicator 3: Math Performance

- ── % Grade 3-8 Students At/Above Grade Level (Fall)
- ── % Grade 3-8 Students At/Above Grade Level (Spring)
- ── % Grade 3-8 Students At/Above Grade Level (Winter)
- ---- Annual Leading Indicator 3 Targets
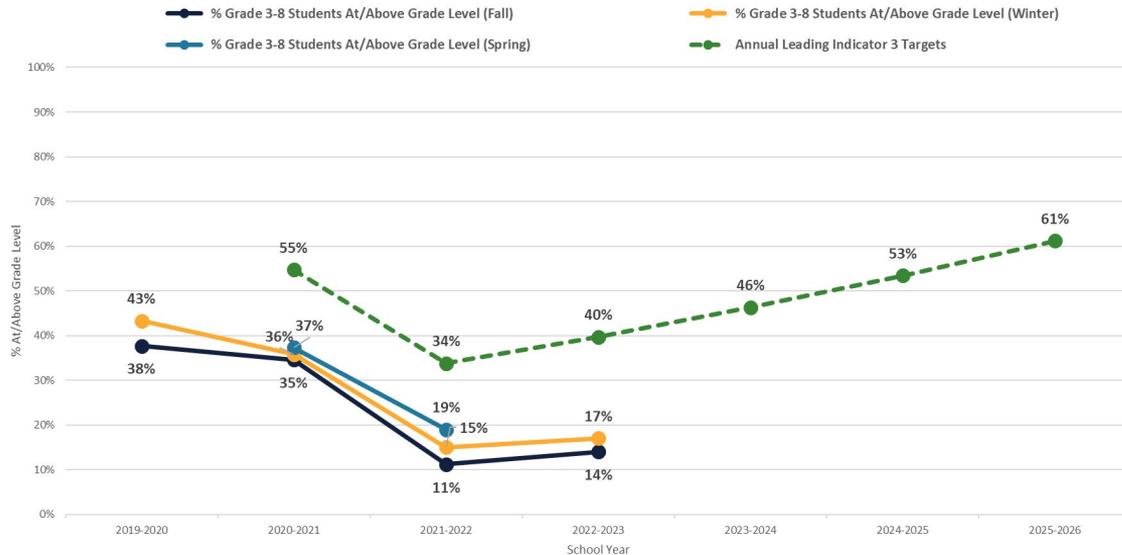
- Our 2022-23 target for Leading Indicator 3.1 is 40% of students will score At/Above Grade Level on Star. We are Off Track on this Indicator.

- There was a 3 point increase in students scoring At/Above Grade Level from Fall to Winter 22-23, from 14% to 17%.

- The percentage of students scoring At/Above Grade Level increased from Winter 2021-22 to Winter 2022-23.

Source: Qlik Academic Screeners App, 2/10/23. Office of Evaluation, Research, and Accountability.