## Milwaukee Academy of Science

## 17-18 Improvement Initiatives:

1. Newly adopted $\mathrm{K} 5-5^{\text {th }}$ grade English Language Arts curriculum - Benchmark Advance
2. K4-5 ${ }^{\text {th }}$ grade math curriculum and instruction training - Eureka Math
3. ELA and math instructional after-school Professional Learning Communities (PLCs)
4. Departmentalization in grades 1-5
5. K4-12 Chief Academic Officer role (new in 16-17)
6. Added high school assistant principal role
7. Added literacy coach role in elementary
8. K4-5 ${ }^{\text {th }}$ grade after school program in collaboration with Boys \& Girls Club
9. New partnerships with: Aurora, Discovery World, Marquette, and Northwestern Mutual
10. Continuously improving student achievement data tracking and monitoring process
11. Modified and differentiated data-driven instruction professional development for all teachers
12. Vertically aligned ACT Aspire interim assessment program grades 3-12
13. Schools That Can Milwaukee leadership coaching
14. Culturally relevant pedagogy training for all staff
15. Teacher leadership committee with the CEO
16. Continued focus on teacher and student retention
17. Improved individualized special education data tracking
18. PBIS training and tier 1 implementation for all staff - increased instructional time for students


## K4-8 ${ }^{\text {th }}$ Grade Improvements (15-16 to 16-17):

1. $K 4-8^{\text {th }}$ grade achieved gains on 11 of 13 ( $85 \%$ ) year-to-year metrics on the scorecard, and the two metrics that showed decreases were less than $3 \%$.
2. K4-8 Local Measures Improvement:

- Reading $-72.5 \%$ to $76.2 \%$
- Math - 72.6\% to 78.6\%
- Writing - 77.4\% to 83.9\%

3. Elementary MAP gains (students meeting goals)

- Reading $\mathbf{- 6 4 . 4 \%}$ to $71.8 \%$
- Math $-64.0 \%$ to $73.7 \%$

4. Forward ELA Proficiency $-5.5 \%$ to $8.3 \%$
5. Forward Math Proficiency $-10.1 \%$ to $14.0 \%$
6. Forward ELA Progression:

- Junior Academy ELA Basic Growth - 36.0\% to 48.2\%
- Junior Academy ELA Below Basic Reduction - 56.1\% to 42.8\%
- Elementary ELA Basic Growth $-28.6 \%$ to $31.3 \%$
- Elementary ELA Below Basic Reduction - 67.4\% to 61.1\%

7. Second grade PALS benchmark maintenance $-62.5 \%$ to $95.8 \%$
8. Student retention $-88.6 \%$ to $92.5 \%$

## Bright Spots:

9. MAS shows strong growth among students.

- NWEA expects 50\% of students nationally to meet MAP goals
- Elementary reading - 71.8\%
- Elementary math - 73.6\%
- JA reading - 81.9\%
- JA math - 88.9\%

10. JA attendance - 94.3\%; K4-8 attendance - $92.5 \%$
11. $100 \%$ conference participation goal attainment in grades $K 4-8$
12. $98.5 \%$ teacher retention rate (K4-12)
13. Overall school enrollment increasing annually
14. Students who attend MAS longer perform better on ACT
15. High School scorecard $-73.5 \%$ overall
16. New high school credit recovery program

- $75 \%$ of students who participated earned credits
- 100\% of students who participated for the duration of the program earned credits

