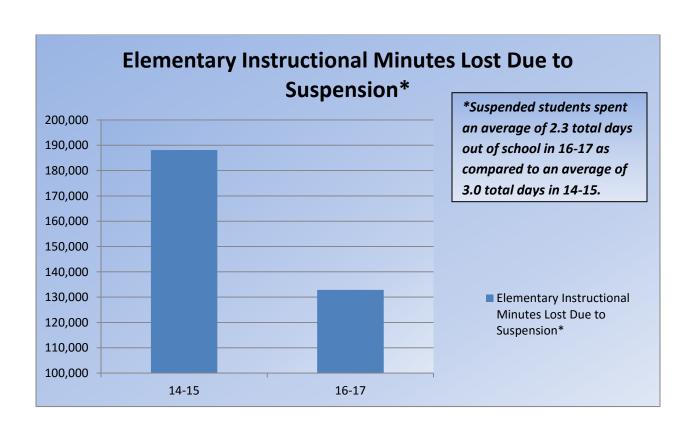
Milwaukee Academy of Science



17-18 Improvement Initiatives:

- 1. Newly adopted K5-5th grade English Language Arts curriculum Benchmark Advance
- 2. K4-5th 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. K4-5th 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



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K4-8th Grade Improvements (15-16 to 16-17):

- **1.** K4-8th 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 64.4% 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 K4-8
- 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
 - o 75% of students who participated earned credits
 - o 100% of students who participated for the duration of the program earned credits