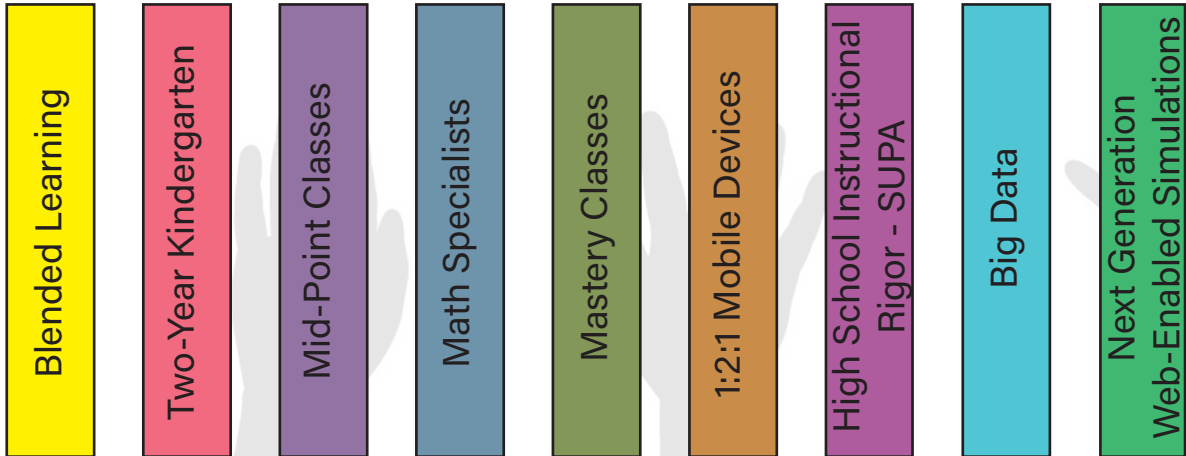
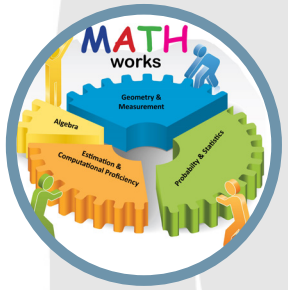
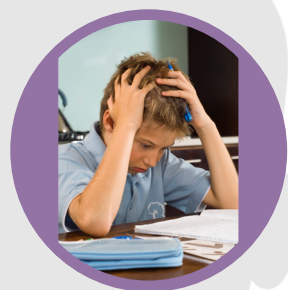




Middletown's Race-to-the-Top grant:
Year 3 Accomplishments



D E E P R E F O R M
across all Middletown RTTT projects, subjects, & students



BLENDED LEARNING: the best of teacher-led & computer-led teaching & learning

- Reading - 2/3 of BL students do better
- Math - 3/4 of BL students do better
- For Reading & Math (MAPs) every grade level does better
- 200+ teachers trained

THE GAP CLOSES:

At the end of their second kindergarten year, the 2YK students score higher than the 1YK group

KIDS AT RISK:
For Reading + Math, in 9 of the 12 tested areas, the gap closes

- Big gains in 6th grade Math
- 100+ teacher involved

ELEMENTARY TEACHERS AS MATH SPECIALISTS:

- 94% of elementary teachers now certified as Math specialists
- 8 of 10 teachers say becoming specialists has changed their Math teaching

MASTERY CLASSES:
students with the most challenging elementary curriculum

- Students chosen for Mastery classes outperform the comparison group

1:2:1 MOBILE DEVICES:

- All teachers have iPads with growing use for productivity
- 1300 students, grades 8-11, have Chromebooks
- Teachers credit student Chromebooks with increase in desire to learn and quality of learning

SUPA: Syracuse University Project Advance

- SUPA student performance is often double that of all high school students in ELA, Math and College & Career Readiness

BIG DATA:

- Predictive analytics to further target instruction for student services
- Wireless & cloud-based across the District

NEXT GENERAL WEB-ENABLED SIMULATIONS:

- Simulation to orient candidates to the special requirements of teaching in Middletown
- Simulation to help high school students preview & practice what they will need to succeed in community college