The Data Coach

Greater Amsterdam School District

January 21, 2015

Grant Refresher

Strengthening Teacher Leader Effectiveness 2 Grant (STLE2)

- Data Driven Instruction (DDI)

- Professional Learning Communities (PLCs)

- Teacher Leadership Opportunities

- Mentoring and Supports

- Grant period: October 2013-June 2015

- Amount allocated: $441,758

The Role of Data Coach

- Serve as part of the building leadership team and be responsible for the disaggregation and analysis of a variety of school-wide data to improve and meet the unique academic and social needs of all students.

- Work directly with the principal and teachers supporting them in implementing student centered learning practices aligned with the curriculum.

- Train teachers to utilize a variety of data to make timely decisions about curriculum, assessment, instruction and attendance needs to support the goals of the building and the Greater Amsterdam School District.

- Support the Professional Learning Communities and data team processes within the building and share out information at the District level as well.

- Monitor results of both state and local testing and assist schools with analysis of the results providing the starting point to guide teachers and administrators to continue the process.

Who are the faces behind the role?

Natalie Lozier
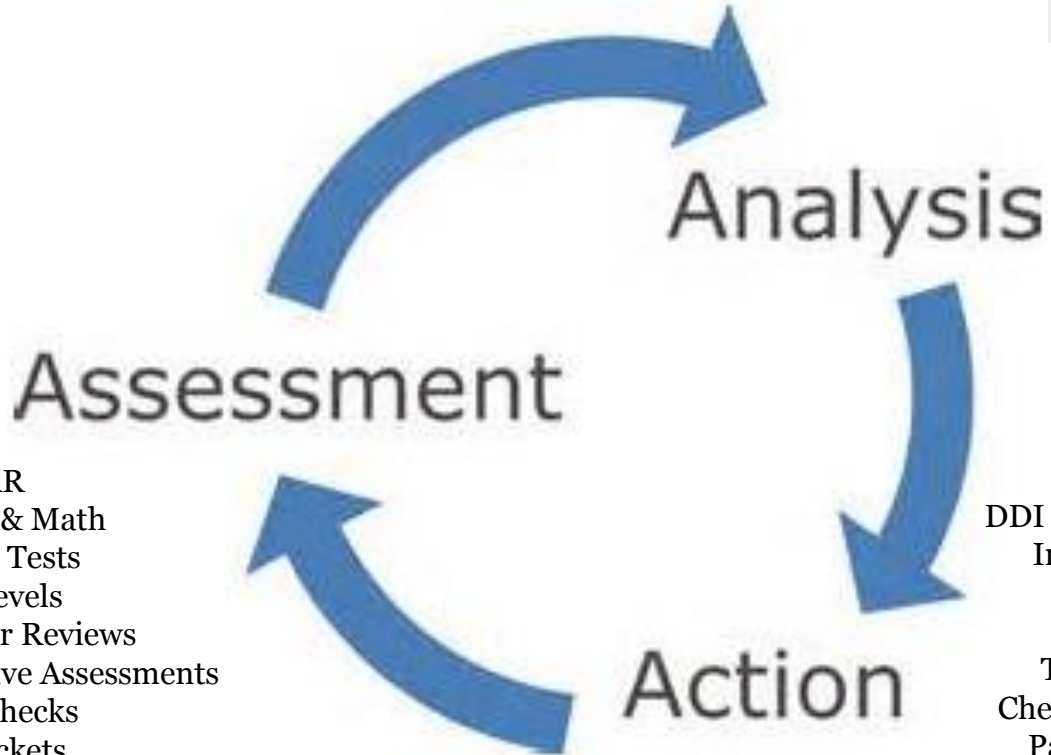- LLA
- SPED Math Push-in
- 5th year in the district

Carmie Pritchard
- McNulty
- 50% Data
- 50% AIS Math
- 25 years in district

Rosanne Lybolt
- Curie & Barkley
- 100% data
- 9th year in the district

The Data Cycle

Analysis

Test Item Analysis
Question Analysis
Point Analysis (NYS Exams)
Growth - Math & Reading
Strength/Weakness Analysis
Behavior Monitoring
Attendance Tracking

Assessment

STAR
NYS ELA & Math
Chapter Tests
F&P Levels
Mid-Chapter Reviews
Common Formative Assessments
Quick Checks
Exit Tickets

Action

DDI (data driven instruction)
Intervention Grouping
Reteaching
Reassessing
Test-taking strategies
Check-in/Check-out (PBIS)
Parent Communication

Common Themes

At each building, the data coaches assist and support with the following:

- Participate in grade level/department PLC's.

- Developed & update regularly a shared electronic data tracking system.

- Using data to drive future instruction.

- Shared student test scores with teachers from 2014 ELA and Math state exams.

- Analyze & understand data from NYS 3-8 Math & ELA tests.

- Perform STAR testing building wide.

- Liaison for professional development

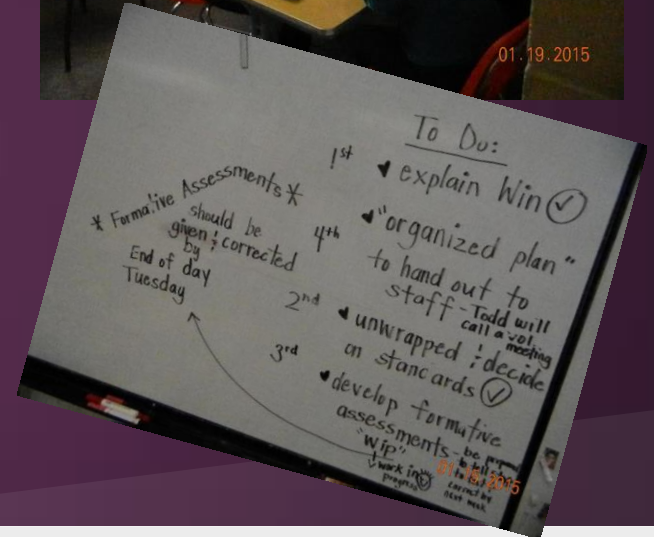- Immediate sharing of 2015 NYS Test Guides

Data at LLA

- 2014 Math/ELA Grade 6,7,8 Released Question Results for Math and ELA Depts.
- Pulling Pre/Post test data from EdVista to use during PLC meetings

- Creating spreadsheets for Math and ELA based on state scores and how many points away from next level
- Creating historical data spreadsheets
- Creating spreadsheets for the Self-Contained and ESL teachers to track longitudinal STAR data along with F and P scores
    - Measure changes and improve instruction
    - This information was shared with the Special Education School Improvement Specialist
- For administration & staff, creating spreadsheets to look at "at-risk" students by grade level and subject for each quarter
    - Grouped by discipline and attendance concerns
    - Flagged two or more subject failures
    - Flagged SPED and LEP students
        - This information is also being used by our guidance counselors

Data at Barkley, Curie, & McNulty

- Pro-active building level student/teacher support team
- Data walls
- Building leader support
- Math chapter test item analysis
- Math & ELA data day
- Examined & mapped content emphasis by clusters for Prek-5
- Building wide/grade level F&P level analysis
- Assist with intervention time grouping
- Tracking longitudinal data to measure changes

Data in Action

The Big Picture

Going forward, we will be continuing our current work as well as the following:

- Assist with procedures & protocols for upcoming NYS exams.
- Share test taking strategies & best practices.
- Further analyze & share pre/post test data for future instruction.
- Moving forward with funneling down the data.
- Instrumental in implementing the forthcoming dashboard from eschool

Questions?

"The Data Coach has helped start the process of teachers using student work and other forms of data to drive their instruction. In a time where assessment is so important, the Data Coach plays a key role in moving all of our students forward and bridging the achievement gap."

Joseph Witazek, LLA Principal

"The Data Coach position has become an integral component of our day to day operations towards improving student achievement. Having Mrs. Sollecito-Pritchard to discuss students' strengths and deficits with all stakeholders has allowed us to reflect and think deeply about our practice and instruction as educators in order to meet the needs of all of our students."

Todd Giagni, McNulty Principal

"The Data Coach has taken the NYS assessment data and presented it to teachers in user friendly format. This format allowed teachers to see areas of weakness and together we were able develop strategies and goals to address them."

Donna Decker, Barkley Principal

"The Data Coach has been one of the most integral positions this year! It has provided an opportunity for our school to move forward with Data Driven Instruction and assisted greatly with the New York State review."

John Penman, MCI Principal