Professional Development

Build a data-driven culture. Equip teachers and school leaders to be better data consumers, using their <u>own </u>school and classroom data.

- *Follow data protocols to identify and act on trends using data*
- *Hands on, interactive professional development sessions to equip teachers to use data to guide instruction*

DP

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Exercise 1 – Explore Your Data

Reference files:
ITA2_Math
ITA2_ELA

1. Group up in teams of 3-4. With your team, choose a grade and a class to analyze. Select a class that at least one person in your team teaches.

2. Answer the following questions about your data:

   a. What strand (Math) or cluster (ELA) is likely to be most heavily weighed on next year's exam? *Refer to "All Grades – Exam Weightings".*

   b. Within your grade, what are the three standards that will likely be most heavily weighted on next year's exam? *Refer to "Grade – Exam Weightings" for ELA, or "Major Standards" for Math.*

   c. What three clusters (ELA) or strands (Math) did your class struggle with most? *Refer to "Student Performance Summary".*

   d. What three standards did your class struggle with most? *Refer to "Student Performance by Standard".*

   e. What two questions from the state exam that test these standards, did your class do most poorly on? Which

incorrect answer was most commonly given for each question? *Refer to "Student Performance by Question".*

f. Review the two questions. What observations do you make about them? Why did your students select the common incorrect answer? *Refer to "Released 2015 3-8 ELA and Mathematics State Test Questions" at http://www.engageny.org/resource/released-2015-3-8-ela-and-mathematics-state-test-questions*

g. What three questions did your grade struggle on most relative to the city? *Refer to "Grade Level Question Summary – Annotated Questions"*

h. Review the three questions.

   i. What observations do you make about them?
   ii. What type of questions are they (multiple choice, short response, or extended response)?
   iii. How did your level 3 and above students perform on each question? Level 2s? High level 1s (students who scored 1.75-2)?
   iv. What patterns do you notice among the questions?
   v. Why do you think your students struggled with these questions more than the city as a whole?
   Refer to "Released 2015 3-8 ELA and Mathematics State Test Questions" at http://www.engageny.org/resource/released-2015-3-8-ela-and-mathematics-state-test-questions

3. Reflect on what you have learned. Identify 3-5 teaching practices you can take in the classroom to improve results in your classroom, based on the data?