NSF Grant

Building Community and Capacity for Data-Intensive Evidence-Based Decision Making in Schools and Districts
NSF Grant Overview

- Harvard → SDP → Teachers College
- Partnership between Nassau BOCES and Teachers College
- Three phase project over three years
• Build capacity
• Gain insights
  • school leaders and teachers use of data
• Leverage the instructional data warehouse (IDW) and Cognos
Phase 1

- Fall of 2016.
- Phase 1 begins with a survey of pilot districts
TC and the pilot districts
The Survey is coming
• During the 2017-2018 school year, data gathered during Phase 1 will be analyzed and actionable items will be identified.
  • How are teachers, staff, and school leaders using data?
  • What data are they looking for?
  • What format are they expecting the data in?
• Creation of dashboards and other data tools.
Dashboards will be created that are open-source and can be shared nationally.

All data used and provided by BOCES during this phase will be fully anonymized and have all personally identifiable information removed.

- BOCES staff will gather this data and assure compliance with data privacy
- Data will be stored securely by Teachers College
Phase 3

• Will begin in the Summer/Fall of 2018
• Teachers College/Nassau BOCES will conduct two day intensive workshops on the use of data analytics in education.
• Will build off the research of Phase 1 and the Dashboard and Analytical tools built in Phase 2.
Phase 3 Cont.

• Will lead to exemplars of how data is best used in education and what data different stakeholders view as most effective in their roles.
• These exemplars will be shared with stakeholders in Nassau as well as published in national publications.
  • Exemplars include best practices for use of the data as well as the code for the dashboards that were created during the project.
Benefits for BOCES and Districts

- Provides insight on how data and dashboards are being used by stakeholders
- Informs IDW and BOCES on strengths and weaknesses of visualizations available
- Provides new visualizations/dashboards created from user feedback
- Creates set of evidence based best practices for data use by teachers and school leaders.