

# THINK TANK 2.0



NEW PROVIDENCE  
SCHOOL DISTRICT  
2020

# DATA DRIVEN DECISION-MAKING

## Research

- Types of data that can improve teaching and student achievement for Generation Z students.
- Generation Z's access to and use of data.
- Current practices.
- Staff Survey - Data most frequently used by teachers:
  - Student work
  - Formative Assessments (teacher observation, class discussion)
  - Summative Assessments (Unit tests, problem-based tasks)



# DATA DRIVEN DECISION-MAKING

## Beliefs and Outcomes

Data analysis is critical to understanding the needs and interests of the Generation Z students.

Longitudinal data helps to understand the full picture of a student.

Data allows students to personalize their learning.

Data analysis informs instructional decisions, promotes collaboration, and shows progress towards the attainment of educational goals.

Data analysis informs the development of initiatives, programs, and curriculum

# DATA DRIVEN DECISION-MAKING

## Recommendations

- **Develop a district-wide culture of data analysis and synthesis to enhance teaching and student achievement.**
- **Create school-based data teams to support staff with the use of data driven decisions to effectuate improvement to teaching and student achievement.**
- **Implement the use of Performance Matters data warehouse analytics and assessment system.**
- **Expand the role of our Data Analytics/Management Specialist.**



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