POWERSHOT COMPANION

Teachers, Start Your Data Engines!

Designed for *Teachers and Teacher Leaders*

This document supports the presentation and video PowerShot:

Teachers. Start Your Data Engines!

available on PDE's PA Data PowerShot webpage at **pa.gov/education >**

Why use this PA Data Powershot?

- **Make the best use of present and past data** for student growth and achievement
- **Expand your use of the four types of data** to inform the work of teachers and teacher leaders (process, perceptual, demographic, and student learning)
- **Use student learning data to conference with students individually**, enhancing student ownership and engagement in the learning process

How might you use this PA Data Powershot in your work?

- **View at a grade-level meeting** to collaborate on next action steps
- **Share with secondary department team members** to build consistency across the department in use of data at classroom level
- **Discuss with middle school team members** to develop a system and process to move forward
- **Discuss with LEA/district and/or school leaders** to contribute to overall use of data at a systems level
- **Set the stage** for enhancing the practice of conferencing with individual students around their own data
- **View independently** to set individual goals as a teacher, based on personal needs

What are possible follow-up action steps?

- **Develop an achievement profile of current students** by reviewing historical data from sources such as eMetric or LEA's data warehouse
- **Administer student survey(s) to collect perceptual data** around students' beliefs about themselves as learners and about school in general
- **Review past student learning data** (e.g., statewide assessment results and end of year data local assessment data from past school years) and compare to baseline or beginning of year data on students
- **Review available PVAAS student projections** to identify individual student needs and use with local assessment data to determine students' needs
- **Hold individual student conferences** to identify goals (academic, social emotional learning, behavioral, or attendance) and action steps that outline student actions, as well as teacher actions, to support students in achieving the desired goal
- **Differentiate instructional small groups** based on students' needs
- **Progress monitor specific students** throughout the school year by using PVAAS student projections and local assessment data together

Last Revised December 2025.