

Data Literacy Decision Making

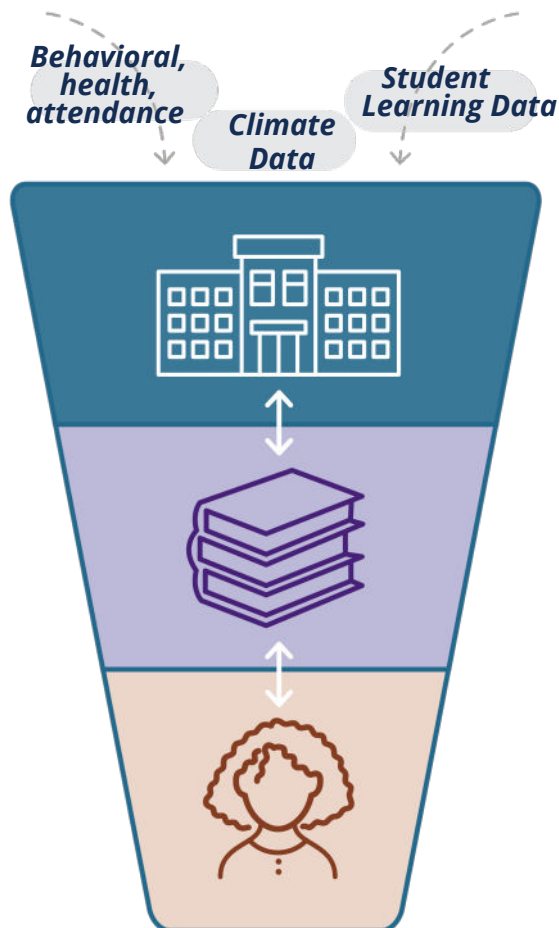
Great schools don't guess—they use student data and educational standards to set clear goals for students and to shape daily instructional practices.

Empowering Our Educators Through Data-Informed Action

Data-driven decision-making isn't about adding items to your to-do list; it's about making your professional practice more effective, efficient, and sustainable. By integrating purposeful data literacy into our daily routines, we transform how we work together and support our students:

- **Increased Efficiency:** Clear, timely data removes the guesswork from instruction. Instead of spending hours attempting to pinpoint where learning gaps lie, standard data protocols give you immediate clarity on what students know, what they need, and how to target your instruction effectively from day one.
- **Accelerated Professional Growth:** Engaging with data in a supportive, low-stakes environment sharpens your pedagogical toolbox. It allows you to track the real-time impact of specific instructional strategies, celebrate what works, adjust what doesn't, and continuously refine your craft with confidence.
- **Collective Power & Efficacy:** When we analyze data as a unified team, isolated efforts become shared solutions. Standardized data practices give every educator a seat at the table, amplifying your professional voice, aligning district support directly to your classroom needs, and ensuring we lift the learning load together.

Data-Informed Decision Making: School



District Support (Leadership)

Budgetary Support, Professional Development, Resources, School Structure, Time

School-Wide Routines

FOCUS: All Students

WHO: School-wide Team

WHEN: Meets Monthly

Grade/Subject-Level Routines

FOCUS: Groups of Students

WHO: Teacher Teams (Grade, Horizontal, Course/Subject-Specific)

WHEN: Meets weekly, bi-weekly or monthly

Classroom/Student-Level Routines

FOCUS: Classroom/Individual Students

WHO: Teacher(s), School Counselor, Teacher Leader(s), School Psych, School Leader

WHEN: Meets weekly

Data-Informed Decision-Making Routines

To decide how to maximize the impact of data in their classrooms, a framework is being implemented. It provides guidance to conceptualize a systematic plan for data use and analysis, while emphasizing collaboration among teachers, the identification of goals at a classroom, grade/subject, and/or whole school level, and the development of action plans to achieve selected goals. Essential to this process is frequent monitoring of student performance to target movement toward the determined learning goals and to intervene and adjust instruction based on student learning needs.

School-Wide Routines

Using data-informed decision-making, teams of teachers and school leaders focus on a schoolwide approach to identify evidence of student achievement and growth. Through the Plan-Do-Review weekly inquiry cycle and monthly data meetings, educator teams then set specific goals and develop action plans to achieve them.

Student Learning Data

iReady

- On/Above/Below
- Typical Growth
- Stretch Growth

Dibels

Benchmark, End of Module, etc

Student Work

Course Grades

Demographic, Perceptual, Process Data

Student Attendance

- Daily
- Cohort
- Tardies
- Chronic Absenteeism

Discipline Referrals

Climate Survey Data

Classroom/Student-Level Routines

Teachers use evidence of student learning to plan, differentiate, and adjust instruction. Assessments of learning gains are frequent and ongoing. Data sources may include:

Student Learning Data

Annual:

MCAS

- M/E
- PM/NM
- Average Scaled Score
- Categories
- Cohort
- SGP
- Growth to Standard

Continuous:

Plan-Do-Review Inquiry Cycle

Benchmark Data – Student Level

Classroom-specific Curriculum,

Diagnostic Assessments

Common Classroom Assessments
(e.g., chapter tests, midterms, finals)

Individual Classroom Assessments

Student work, (e.g. question sets, exit tickets)

Progress Monitoring (formal)

Demographic, Perceptual, Process Data

Student Historical Information

Student Medical Information

Student Social-Emotional Info

Student Learning Information

Student Discipline Information

Student Attendance Data