



JUNE HARLESS CENTER

Data Wise Improvement Process

The Data Wise Improvement Process—developed at Harvard Graduate School of Education—is a comprehensive and practical approach to using data that emphasizes continuous learning and improvement and helps educators and district leaders identify student learning needs, develop and enact instructional interventions, and measure those solutions' effectiveness.

This 3-phase/8 step framework empowers teachers to analyze an array of data sources collaboratively and ultimately translate these insights into an action plan for improving teaching and learning for all.



The real value in looking at this kind of data is not that it provides answers, but that it inspires questions.

~Boudett, City, et. al.

PREPARE

Organize for Collaborative Work:

Assemble a cross-functional team of educators and utilize the ACE Habits of Mind to lay a foundation for effective collaboration.

Build Assessment Literacy:

Increase educators' comfort and capacity to responsibly use an array of data streams to build a more illuminating data profile.

To learn more about how our Data Wise trained team can transform your data practices so EACH student thrives, contact [Jason Gibbs](mailto:Jason.Gibbs@marshall.edu) or visit: <https://www.marshall.edu/juneharlesscentersteam/professional-learning-request/>

INQUIRE

Create Data Overview: Narrow focus on a specific school-wide challenge, distill related data to convey the data story, and begin developing inquiry questions.

Dig Into Student Data:

Educators develop a shared understanding of the data to identify and describe what students currently struggle with as a learner-centered problem.

Examine Instruction: The team conducts non-evaluative observations to obtain a shared vision of the current state of classroom practice and establish the problem of practice.

ACT

Develop Action Plan: Co-create an action plan that explicitly defines the problem of practice, the selected instructional intervention and how it will look in classrooms, and detailed implementation steps.

Plan to Assess Progress: Set student growth goals and establish an evaluation plan using short- and medium- and long-term data sources.

Act and Assess: Enact the action plan and continually evaluate implementation and student achievement, iterating as needed.

Boudett, K. P., City, E. A., & Murnane, R. J. (Eds.). (2013). *Data Wise: a step-by-step guide to using assessment results to improve teaching and learning*, Revised and expanded edition. Cambridge, MA: Harvard Education Press.