Literacy Data Analysis: The *5Ds* Process

The Marzano Research *5Ds* data analysis process is an effective and easy way for district, school, or grade-level literacy teams, as well as multi-tiered system of supports (MTSS) teams, to use data to make important decisions about literacy programming. These decisions can include monitoring student progress, evaluating literacy program outcomes, and adjusting instruction and assessment practices.

Marzano Research's expert facilitators can support your team through an initial process with your literacy data and sustainable practices for data-based decision-making. These supports can include:

- an introduction and ongoing training with the *5Ds* process,
- personalized training on how to use the *5Ds* for specific purposes and with specific data sets, and
- side-by-side coaching for literacy or MTSS teams.

This Literacy Data Analysis with the *5Ds* process can be a standalone service or part of other literacy supports.

What to Expect from Literacy Data Analysis

The Marzano Research team will facilitate sessions to build knowledge and understanding of data analysis processes. Once the *5Ds* process is understood and practiced, your team will be able to replicate the data analysis process as part of a continuous cycle of improvement.

DEFINE
Define a focus for inquiry using data or evidence based on the need or problem to be solved.

DIG
Take inventory of available data and evidence that are related to your defined need or question.

DISTILL
Find the data and evidence that are most relevant to the need or question.

DISCOVER
Discover patterns and findings in the data and evidence you are using.

DECIDE
Data interpretation should ultimately yield decisions about next steps—either for action or further inquiry.

What you'll take away:
- **5Ds data analysis slide decks** from team meetings.
- **5Ds data analysis handouts (including root cause identification and continuous improvement tools)** that can be replicated for future use.
- **Resources such as facilitator guides, protocols, and consensus-building tools** used during the sessions.

To learn more, check out:

- Marzano Research **School Improvement**
- **Outcomes matter:** Helping school teams maintain focus and achieve their goals (Marzano Research blog)

Contact Us

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