

# Data Use: Evaluation and Improvement

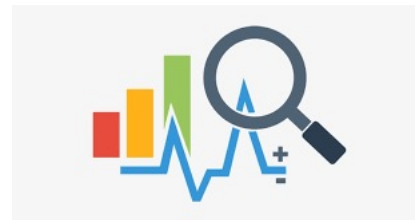


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# What to Consider

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- What to Consider When Planning Your Data Review Routine
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- Why Should You Establish a Standard Process for Data Review?
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# Data Review

- The process of collecting data, reflecting on it, and separating it into actionable insights
- Having a regular routine for reviewing data can help your program consistently move forward towards its goals
- It is important to set aside regular, consistent times to review data throughout your organization



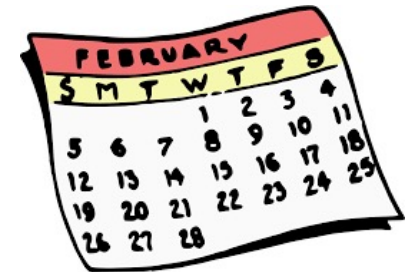
# What to Consider When Planning Your Data Review Routine

- Who will collect this data?
- Who will review this data?
- Who will act on the insights from this review?
- Who will support those acting on the data?
- Who needs to be informed about your data, insights, and actions?



# Examples of Data Review Processes

- Types of data to collect can include:
  - Baseline Data Assessments
  - Session Assessments
  - Quarterly Surveys
  - End of program student assessments and survey data
- Calendar-Based Data Review (collects quarterly data)
- Note that data review routines can vary based on if school-based routines work with paraprofessionals or volunteers, or if programs are virtual



# Why Should You Establish a Standard Process for Data Review?

- Ensures that the end result of your Data Review is action
- Helps you to focus your Data Review time on reviewing the actual data, not on understanding how to review it (convert data to a clear, digestible format beforehand)

**STANDARD**



# How to Conduct a Data Review

- WHEN: As soon as possible after collecting relevant data
- WHY: To learn and improve
- WHO: The facilitator guides the conversation, but every voice matters
- WHAT: Don't just review aggregate data – disaggregate by demographic to reveal any important insights
- HOW: Prioritize quality over speed, but do adjust your data review time allotment based on how comprehensive the data is



# Standard Data Review Protocol



- WHAT did we want to happen?
  - Ensure that all participants are on the same page about what the goal/ intended outcome was
- WHAT actually happened?
  - Ensure that all participants are on the same page about what the actual outcome/ result was
- WHAT did we learn?
  - Reflect on successes and failures during the course of the experience
- SO WHAT can we do better in the future?
  - Generate clear, actionable recommendations and next steps for future projects
- NOW WHAT changes do we need to make to our project/ individual plans?
  - Incorporate key lessons into your future actions and document them for those who may inherit the project in the future



# Example Protocol for Post-Session Data Review

- WHAT: Review desired outcomes using the end-of-session assessment
- SO WHAT: Reflect on what worked, didn't work, and why
- NOW WHAT: Reflect and adjust plans for upcoming sessions

*\* This protocol is designed to be used after each tutoring session, and note that if students complete assessments by hand, you should score and input the data into a digital system to conduct this review.*



# Example Protocol for Summary Data Review

- WHAT: Review desired outcomes using the assessment and/ or overall mastery data
- SO WHAT: Reflect on what worked, didn't work, and why
- NOW WHAT: Reflect and adjust curriculum plan if necessary

*\* This protocol can be used to review interim assessment data or a whole week of session data at once, and can be used to analyze the effectiveness of tutoring sessions across a larger sample of students to determine what larger-scale curricular adjustments may need to be made*





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**[https://studentsupportaccelerator.org/tutoring/  
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# Slide-Specific Links

## **Developing Routines for Regular Data Review:**

<https://studentsupportaccelerator.org/tutoring/data-use/evaluation-improvement/developing-routines-regular-data-review>

## **Standard Data Review Protocol:**

<https://studentsupportaccelerator.org/tutoring/data-use/evaluation-improvement/standard-data-review-protocol>

## **Student Data Review Protocol:**

<https://studentsupportaccelerator.org/tutoring/data-use/evaluation-improvement/student-data-review-protocol>