

Individualized, Data-Driven Problem Solving Quick Reference Tool

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Purpose and Use

This tool supports teams to problem-solve for individual students using data whether they are struggling or demonstrating advanced proficiency. This tool should be used when a student continues to struggle after the use of an intervention, or when progress monitoring data suggests adaptation is needed.



Step 1: Ask Questions About the Data

- What is the student's trend (baseline to now)?
- Are there specific skill gaps or areas of advanced proficiency (diagnostic results)?
- Is the intervention being delivered with fidelity (dose, fidelity checks)?
- Are there external factors (attendance, behavior, language, vision/hearing)?

Step 2: Develop a Hypothesis

Ask questions to explore why the student did not respond as expected to the intervention.

- Because [name] did not respond, we believe the cause is [X]. To address this cause, we will change [Y].

Step 3: Select One Adaptation to the Intervention Based on the Hypothesis

Adaptation Domains:

- Increase intensity (frequency, duration)
- Modify curriculum or materials
- Change the instructional strategy used
- Modify student groupings
- Address non-instructional factors (behavior, attendance, language, etc.)

Step 4: Implement the Adapted Intervention and Monitor Progress

Ensure that the intervention is provided as intended and monitor student progress as planned.

Step 5: Review Data and Revise or Continue the Intervention

Review student data at regular intervals and revise or continue the intervention as needed.

