



Intervention Team Data Triangulation Protocol

Purpose: Identify precise student skill gaps and align targeted interventions using multiple data sources.

Step 1: Data Triangulation Matrix

Goal: Build a shared, evidence-based picture of the student.

Guiding Questions:

- What are *at least* 3 data sources we have? (e.g., assessments, classwork, observations)
- What does each data source specifically show the student can/cannot do?
- Where do we see patterns or consistencies across sources?
- Where do data sources conflict or raise questions?

Team Output:

→ Agreed-upon patterns in student performance across multiple data points

Step 2: Error Analysis

Goal: Identify *how* the student is getting things wrong.

Guiding Questions:

- What specific errors does the student consistently make?
- At what point in the task does the breakdown occur?
- Are the errors:
 - Conceptual (doesn't understand the idea)?
 - Procedural (knows it but applies incorrectly)?
 - Language-based (can't access the content due to reading/vocabulary)?
- What does the student's work reveal about their thinking?

Team Output:

→ Clear description of the student's error patterns and breakdown point



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Step 3: Skill vs. Performance Sort

Goal: Determine whether this is truly a skill gap.

Guiding Questions:

- Can the student perform this skill under any conditions?
- Is performance inconsistent or absent across settings?
- Are there external factors impacting performance? (attendance, behavior, engagement)
- Does the student demonstrate partial understanding?

Sort Into One:

- Skill Deficit (cannot do it)
- Performance Issue (inconsistent execution)
- External/Contextual Factor

Team Output:

→ Consensus on whether the issue is skill-based or not

Step 4: Root Cause Analysis

Goal: Identify the *underlying* skill gap—not just the symptom

Guiding Questions:

- What is the observable problem?
- What foundational skill is missing?
- Is this gap due to:
 - Prior instruction gaps?
 - Lack of practice/exposure?
 - Misconceptions?

Team Output:

→ Root cause statement (e.g., “Student struggles with multi-step problems due to weak reading comprehension of academic vocabulary”)



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Step 5: Instructional Match

Goal: Align the right intervention to the exact skill gap.

Guiding Questions:

- What *specific* skill needs to be taught?
- What intervention directly targets that skill?
- Is the intervention:
 - Explicit?
 - Systematic?
 - Aligned to the root cause?
- How will we measure progress?

Team Output:

→ Targeted intervention plan with progress monitoring strategy

Final Check: Data Convergence

Goal: Before closing the meeting, confirm”

- Do at least 3 data sources support our identified skill gap?
- Is the intervention tightly aligned to the root cause?
- Do we have a clear plan to monitor progress?

Outcome of Meeting:

- Specific skill gap identified
- Root cause validated with data
- Targeted intervention selected
- Progress monitoring plan established