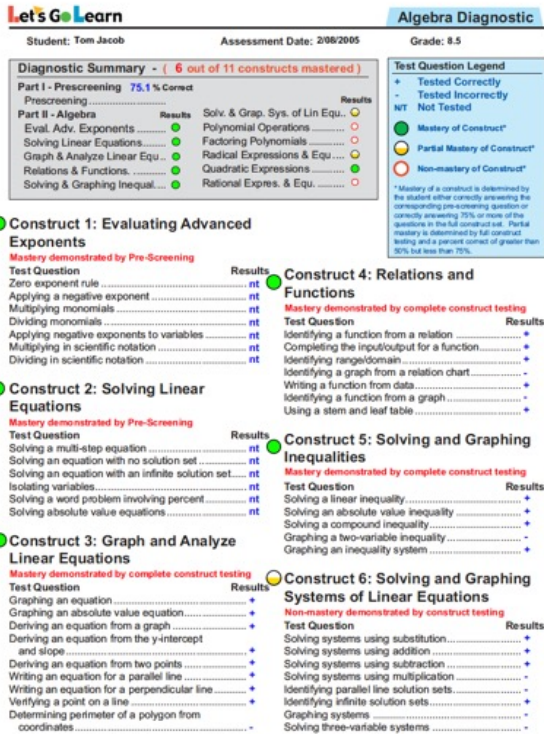
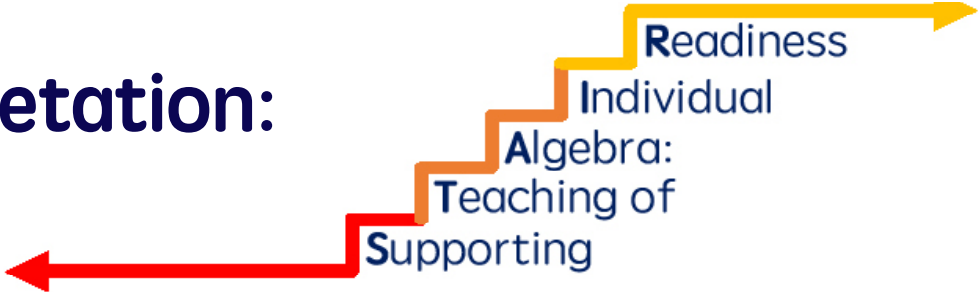


Data Interpretation: Diagnostic



Diagnostic assessment results can help you understand why a student is underperforming.

- What are the student's correct conceptualizations or understanding of the content?
- What are the student's persistent misconceptions and errors?

They can help you determine what content and/or instructional design features should be included in the intervention for this student.

This image is an example of a DOMA-algebra diagnostic result page which we use in Project STAIR to understand what components of algebra readiness have been mastered and which ones we should focus on in instruction.

Collecting diagnostic data helps to make hypotheses about why students are struggling. From these hypotheses, we can make instructional adaptations.

Based on student responsiveness:
 -Continue the Tier 2 program with progress monitoring
 -Collect Diagnostic data

Make an instructional change based on hypothesis

Continue to monitor progress to determine if student is/is not responsive to instruction

