

Transcript – Interpreting the Diagnostic Summary Report

Remember, the purpose of the ESTAR and MSTAR Diagnostic Assessments is to help identify **why** students are struggling with algebra-related content and diagnose students' current level of understanding and areas of persistent misconceptions. It will be administered to at-risk students in Tier 2 or Tier 3 to help interventionists and teachers design supplemental instruction.

The Diagnostic Summary Report can help you do this by identifying an individual student's specific areas of strengths and weaknesses.

This can be used to help plan for supplemental instruction.

The Diagnostic Summary Report provides teachers with a summary of the student's performance in an easy-to-understand format. The following video will give you more information on how to interpret these reports.

Transcript – Interpreting the Diagnostic Summary Report (continued)

The Diagnostic Summary Report is a tool that provides an overview of each student's performance and may be helpful to facilitate discussions with parents.

To view this report, first, click the plus sign next to "Using Diagnostic Assessment" from the menu on the left side to view the drop down menu. Then click the plus sign next to "Diagnostic Assessment Reports." Select "Student Summary Report."

You can now select the season, which assessment you would like to view, and the student's classroom. Click "Apply Filter."

Next, select which student you would like to view a report for. You can also download this report as a PDF.

If you click "Download Class Pack," you will download the reports for all students.

This is a sample report. The first section provides the student's information.

The next section captures the student's trajectory along each level of a learning progression. This is based on the student's responses on the assessment. Teachers can click the name of each level to view a summary of what is included in each level. You will notice the colors correspond to those used on the Response to Intervention Pyramid. This means that the red end represents a lack of understanding of the level, while the light blue on the far right represents a full understanding of the level.

Below this section, you will see a table that provides summaries of the student’s overall strengths and areas of opportunity. These results can be used to help plan supplemental instruction.

For more ideas on what to do with this data, view the video “What Do I Do With my Data?”

This report is intended to be a tool to use when discussing a child’s progress with parents or guardians. When sharing this report with a parent or guardian, please include the "Parents’ Guide to Interpreting the Diagnostic Summary Report" as a resource. Please view the resource “How to Share this Information with Parents” for suggestions on sharing the information from these reports effectively.

Transcript – Sample Report

Here is a sample Diagnostic Summary Report. What decisions could you make based on this data?

This student has a moderate understanding of magnitude and decomposition but struggles with equal partitions. Her small group or individual instruction could focus on this area. As the teacher, you could also use this report to discuss the student’s progress with her parents to develop a plan for remediation. These statements could be helpful during instruction to know what specific areas to address.