

Transcript – ESTAR/MSTAR Diagnostic Assessments

The purpose of the ESTAR/MSTAR Diagnostic Assessments is to help identify why students are struggling with algebra-related content. The assessment will diagnose students' current level of understanding and persistent misconceptions in algebra-readiness content. It is to be administered to students at risk of not being ready for algebra, in Tier II or Tier III, to help interventionists and teachers design supplemental instruction. Diagnostic items are in a multiple-choice format to allow for efficient administration and reporting.

This is a model used for RTI instruction with Tier II students. Those students who are in Tier II are provided with quality core instruction in addition to intensive intervention support and more frequent progress monitoring. The design of Tier II interventions should be based on the students' specific strengths and areas of need using data provided by the diagnostic assessments and other instructionally relevant tools. Using specific decision rules, the teacher and instructional team can decide if a student is making adequate progress towards the instructional goals or needs more intensive support.