Interpreting ESTAR
Universal Screener Reports

Carole Hayata & Brea Ratliff, SMU RME
Jo Ann Bilderback, TEA
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Goals

• Understand the purpose of the ESTAR Universal Screener.
• Examine the connection between RtI and the ESTAR assessment system.
• Interpret results from the ESTAR Universal Screener reports.
Purpose of TXAR Initiatives
TXAR Implementation

Curriculum
- Revised TEKS
- Revised TX-RCFP

Assessment
- Formative Assessments: universal screeners and diagnostic assessments

Instruction
- ESTAR/MSTAR Academies for core instruction and interventions
- Lessons for intervention
Response to Intervention (RtI) is an approach that schools use to help all students, including struggling learners. The RtI approach gives Texas students opportunities to learn and work at their grade level. The idea is to help all students be successful.
Recommendation 1.
Make data part of an ongoing cycle of instructional improvement

- **Collect** and prepare a variety of data about student learning.

- **Interpret data** and **develop hypotheses** about how to improve student learning.

- **Modify instruction** to test hypotheses and increase student learning.
The Data Use Cycle

1. **Identify** students that need additional support
2. **Gather** data to support how you will intervene
3. **Analyze** data and determine an intervention plan
4. **Implement** an intervention plan
5. **Evaluate** student progress

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• Administer the ESTAR Universal Screener to all students in your classroom: Fall, Winter, Spring

• Use the results to help you determine which students should take an ESTAR Diagnostic Assessment.
Identify if students are on track or at risk.

Identify the degree of support needed.
Texas Response to the Curriculum Focal Points

- Blueprint
- Item Writing
- Item Validation
- Form Creation

Grade level based
Foundational
Knowledge and skills students should bring with them from the previous grade level.

Bridging
Conceptual understanding needed to fully understand the target skill.

Target
Knowledge and skills students should be proficient in by the end of the grade level.
Group Observations

Today's Meet

ESTARchat

Listen

Talk

Nickname:

Join

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What do you think?

Use Today’s Meet to join our discussion!
www.todaysmeet.com/ESTARchat
Accessing the Reports

Universal Screener Reports

Class Summary Report

The Class Summary Report provides administrators and teachers the ability to analyze class performance on a particular assessment as represented in a histogram. Administrators have the ability to analyze performance for any grade and subject. Individual student performance is displayed below the histogram. Reports can be printed for the entire class and student performance by tiers.

Comparison Over Time

The Comparisons Over Time reports allow teachers and administrators to compare results from the Universal Screener over time (Fall, Winter, and Spring administrations of the Universal Screener). Comparisons can be generated for individual students, classes, or grades.

Comparison Across Classes

The Comparison Across Classes report allows teachers and administrators to compare results from the Universal Screener across classes for the same teacher for one administration of the Universal Screener (Fall, Winter, or Spring).

Print Class Pack

Print a Comparison Over Time report for each student in the class.
Accessing the Reports

ESTAR/MSTAR

School Administration Reports

- Across Classes for a teacher for one test administration
- Across Grades for one test administration
- Across all Teachers Within One Grade for One Test
- Over Time for Students and Classes

Teacher Reports

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## Interpreting Universal Screener Reports

### Universal Screener Report Titles

<table>
<thead>
<tr>
<th>Universal Screener Report Titles</th>
<th>Assessment Type</th>
<th>Classroom</th>
<th>School</th>
<th>Teacher (All)</th>
<th>Students</th>
<th>Season</th>
<th>School Year</th>
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<td>T, A</td>
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T – Teacher
1 - Box and Whisker
2 - Average
3 - Classroom Average

A – Administrator
4 - Student Score
5 - Average Overall Scores
6 - Teacher Average

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Class Summary Report
### Class Summary Report

#### Fall

<table>
<thead>
<tr>
<th>Student</th>
<th>Tier 3B: Intensive Instructional Support Recommended</th>
<th>Stated Score</th>
<th>Scaled Score</th>
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<tbody>
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<td>CARMEN HARLEY</td>
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<td>SHELDON SHELTER</td>
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<td>SARAH LOTTON</td>
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<td>ITALIA ALLENDALE</td>
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<table>
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<td>GRECIO ALEXANDRIA</td>
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<td>JONATHAN AMBERBUS</td>
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</table>

### Winter

### Spring

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Comparison Across Classes Report

![Box plot of ESTAR Assessments for Math Grade 4, Periods 2 and 3 WILKARY across Fall, Winter, and Spring]

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Administrator Reports

(Comparison) Across Classes for A Teacher for One Administration
Administrator Reports

(Comparison) Across Grades for One Administration

Fall  Winter  Spring

ESTAR Assessments

Box and Whisker  ○ Average Over All Scores

REPORT KEY
- Tier 5B: Intensive Instructional Support Recommended
- Tier 3A: Intensive Instructional Support Recommended
- Tier 2B: Strategic Instructional Support Recommended
- Tier 2A: Strategic Instructional Support Recommended
- Tier 1B: Minimal to No Instructional Support Recommended
- Tier 1A: Minimal to No Instructional Support Recommended

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## Administrator Reports

(Comparison) Across All Teachers Within One Grade for One Test

<table>
<thead>
<tr>
<th>Universal Screener Report Titles</th>
<th>Drop Down Menu Categories</th>
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<tbody>
<tr>
<td>Class Summary</td>
<td>Assessment Type</td>
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<tr>
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Comparison Over Time Report

Grade 4 Fall 2014-2015
Grade 4 Winter 2014-2015

ESTAR Assessments

Box and Whisker
Average Over All Scores
Classroom Average
Student Scale Score

REPORT KEY
- Tier 3E: Intensive Instructional Support Recommended
- Tier 3A: Intensive Instructional Support Recommended
- Tier 2E: Strategic Instructional Support Recommended
- Tier 2A: Strategic Instructional Support Recommended
- Tier 1E: Minimal to No Instructional Support Recommended
- Tier 1A: Minimal to No Instructional Support Recommended

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## (Comparison) Over Time for Students and Classes

### Universal Screener Report Titles

<table>
<thead>
<tr>
<th>Title</th>
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<td>A</td>
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</table>
Group Observations

Hello!

Today'sMeet

ESTARchat

Listen

Talk

Nickname:

Join

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Now It’s Your Turn

Classroom Summary Report

Scaled Score

Number of Students

REPORT KEY

- Tier 3B: Intensive Instructional Support Recommended
- Tier 3A: Intensive Instructional Support Recommended
- Tier 2B: Strategic Instructional Support Recommended
- Tier 2A: Strategic Instructional Support Recommended
- Tier 1B: Minimal to No Instructional Support Recommended
- Tier 1A: Minimal to No Instructional Support Recommended

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Now It’s Your Turn

Classroom Summary Report

Tier 3A: Intensive Instructional Support Recommended

<table>
<thead>
<tr>
<th>Student</th>
<th>Scaled Score</th>
<th>Measurement Error</th>
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<tbody>
<tr>
<td>ELIZABETH BANKFORD</td>
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Tier 2B: Strategic Instructional Support Recommended

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<th>Student</th>
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<td>SERRANO MODELONO</td>
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Tier 1B: Minimal to No Instructional Support Recommended

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<td>PRESTON DAVIDSON</td>
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<tr>
<td>KIARA COLLANDERSON</td>
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</tr>
<tr>
<td>BRIA ANDERSONIA</td>
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<tr>
<td>ELLIOT ABLERSTONE</td>
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<td>LONIESHA APPLETOWN</td>
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<td>MICHAEL BROOMHOUSTON</td>
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<td>KELVIN HALLEXSON</td>
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Tier 2A: Strategic Instructional Support Recommended

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<td>DEONE JORDANIAO</td>
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Tier 1A: Minimal to No Instructional Support Recommended

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<td>THOMAS VILLANUEVA</td>
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<td>WHITNEY DAKOTA</td>
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Comparison Across Classes Report
Comparison Over Time Report

Grade 3 Fall 2014-2015
Grade 3 Winter 2014-2015
Grade 3 Spring 2014-2015

ESTAR Assessments

REPORT KEY
- Tier 3B: Intensive Instructional Support Recommended
- Tier 3A: Intensive Instructional Support Recommended
- Tier 2B: Strategic Instructional Support Recommended
- Tier 2A: Strategic Instructional Support Recommended
- Tier 1B: Minimal to No Instructional Support Recommended
- Tier 1A: Minimal to No Instructional Support Recommended

Box and Whisker:
- Average Over All Scores
- Classroom Average
- Student Scale Score
ESTAR/MSTAR Professional Development

ESTAR/MSTAR Assessments
- ESTAR/MSTAR Universal Screeners
- ESTAR/MSTAR Diagnostic Assessments
- ESTAR/MSTAR Learning Progressions

Tier 1 Instruction
- ESTAR Academies

Tier 2 Instruction
- Coming Soon: ESTAR Implementation Tools
- Coming Soon: MSTAR Implementation Tools

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ESTAR / MSTAR Teacher

• Accessing the system
• Assign students an assessment
• Access the reports
• Additional guidelines for administration

ESTAR/MSTAR Student

• Accessing the system
## Additional Sessions

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<thead>
<tr>
<th>Event</th>
<th>Date/Time</th>
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<td>381BC</td>
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<td>ESTAR Diagnostic Assessment</td>
<td>Friday 10:00</td>
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<td>RtI Guidance App &amp; Website</td>
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<td>Assessment Item Development</td>
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www.smu.edu/RME

Email: RME@smu.edu

@RME_SMU

SMU Research in Mathematics Education - RME

Contact TEA

curriculum@tea.texas.gov