

Learning Objectives

By participating in this session, attendees will:

- 1. Develop an understanding of a new tool for measuring implementation of
- integrated tiered systems
 Describe how to assess faculty and staff's views of goals, procedures, and
- Learn how to conduct systematic screenings to inform instruction, using these three sources of data in an integrated fashion to guide implementation efforts

Institute of Education Sciences, U.S. Department of Education R324N190002 University of Kansas R324N190007 America Institute for Research



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Agenda

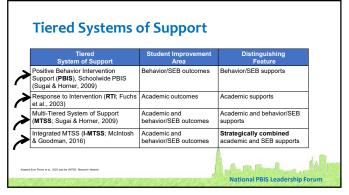
- 1. Introducing the Integrated MTSS Rubric
- Collecting and Using Treatment Integrity and Social Validity Data: An Illustration in Ci3T Models
- Collecting and Using Systematic Screening: An Illustration in Ci3T Models

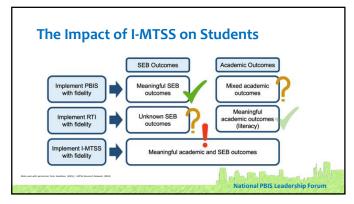




Introducing the Integrated MTSS Rubric The research reported here was supported in part by the Institute of Education Sciences, U.S. Department of Education, through Grant Number R324N190007 -20 to American Institutes for Research. The opinions expressed are those of the authors and do not represent views of the Institute or the U.S. Department of Education. National PBIS Leadership Forum

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The Impact of I-MTSS on Staff

- Provides a feasible way to respond to rising academic and SEB needs
- Lowers staff burden and burnout by streamlining teams and supports
- Improves staff trust, collaboration, satisfaction
- Promotes efficiency by de-siloing academic and behavioral supports

Herce et al., (2025)

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The Integrated MTSS Fidelity Rubric (IMFR)



The IMFR

- A valid, reliable measure of I-MTSS at the elementary level.
- Users report the IMFR offers valuable information.
- The IMFR is FREE and includes a suite of materials.
- States, districts, and schools are using the IMFR in grades K-12 to assess and improve implementation.
- The IMFR can be used in any school, from those just beginning to implement a tiered system to advanced implementers.

Gandhi, et al., (202



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Study Background

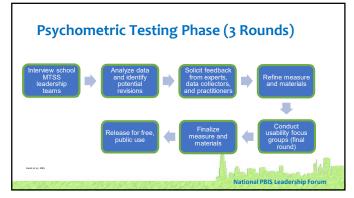
- The Need: Lack of valid, reliable measure specifically for assessing I-MTSS
- Conducted by AIR and University of Missouri from 2019-2025
- Part of a network of I-MTSS studies funded by the Institute of Education Sciences (IES)
- Sample included school MTSS teams at 65-87 schools in 13-20 districts located in nine states
- Examined validity, reliability, and costs
- Analytic methods included Many-faced Rasch Model, Exploratory and Confirmatory Factor Analysis, and Inter-rater Reliability

Shandi et al., (202



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Initial Development Phase Review existing tiered systems fidelity measures Identify common concepts and scales Prepare for psychometric testing (e.g., train data collectors, schedule school administrations) Refine measure and materials Conduct beta testing Conduct beta testing Conduct beta testing National PBIS Leadership Forum



Key Findings

- Construct validity as comprised of:
- Content validity: Domains and items accurately reflect with I-MTSS is.
- Substantive validity: The scale categories may need refinement in future testing.
- Structural validity: Item-level ratings accurately reflect a school's I-MTSS implementation status.
- Generalizability: Multiple raters produce similar ratings for schools, although some raters are more severe than others.

Ghandi et al., (20)

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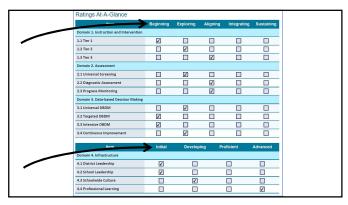
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Key Findings (Continued)

- · Social validity:
 - The IMFR provided valuable insight into their school's I-MTSS implementation effort.
 - Team members would participate in the IMFR administration again.
 - IMFR ratings accurately reflected their school's I-MTSS implementation and that the ratings were easy to understand.
 - Participating in the IMFR administration was valuable because it helped them better understand their unique I-MTSS implementation strengths and areas for improvement.
 - Would recommend other schools use the tool.
 - The time required to participate in the process was difficult to manage.

andi et al., (2025





Accessing the IMFR Suite of Materials

- Scan the QR code to the AIR IMFR landing page.
- Scroll to the bottom of the webpage.
- Complete the online form. You will get an automated email. Check your junk folder if you do not get the email.
- Open the email, click on the link, and download the documents from Dropbox. You do not need a Dropbox account. The email also contains the link to the IMFR training modules, which are hosted on the Moodle platform.



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Using the IMFR With A School Team

- 1. Complete the IMFR training modules.
- 2. Conduct an interview with school MTSS leadership team using the IMFR Interview Protocol.
- 3. Use the IMFR Scoring Worksheet to generate I-MTSS ratings.
- 4. Provide the 14 item-level ratings to the school.

Gandhi et al., (2025)



Using the IMFR to Drive School **Improvement**



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Option 1: The Bright Spots Approach

Prioritize improving the "bright spots" that are not yet rated as *Integrating, Sustaining, or Advanced*.

- Review the Scoring Worksheet.
- Which criteria were marked "No" for Tier 3, Diagnostic Assessment, and Progress Monitoring?
 What would it take to turn each "No" to "Yes" for these items?
- Would improving these items likely have a positive impact on IMFR ratings, staff, and students?
- Would improving these items directly link to the school's overall goals for students?
- Is it feasible to improve these items?



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Ratings At-A-Glance					
Item	Beginning	Exploring	Aligning	Integrating	Sustaining
Domain 1. Instruction and Intervention					
1.1 Tier 1	V				
1.2 Tier 2		V			
1.3 Tier 3			V		
Domain 2. Assessment					
2.1 Universal Screening		✓			
2.2 Diagnostic Assessment			V		
2.3 Progress Monitoring			V		
Domain 3. Data-based Decision Making					
3.1 Universal DBDM		V			
3.2 Targeted DBDM	✓				
3.3 Intensive DBDM	V				
3.4 Continuous Improvement		V			
Item	Initial	Develop	ing Pr	oficient	Advanced
Domain 4. Infrastructure					
4.1 District Leadership	V				
4.2 School Leadership	✓				
4.3 Schoolwide Culture		✓			
4.4 Professional Learning					V

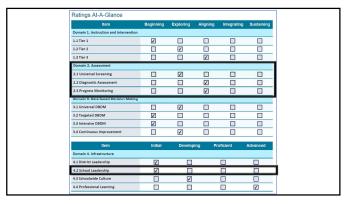
Option 2: The Biggest Bang Approach

Prioritize improving the items that likely have the biggest positive impact on I-MTSS implementation, staff, and students.

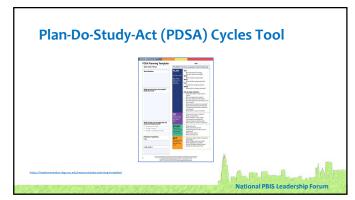
- Review the Scoring Worksheet.
- Which items are easiest to improve yet would likely improve IMFR ratings and student outcomes yet reduce staff burden?
- Would improving these items directly link to the school's overall goals for students?



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Tracking IMFR Results

- Enter IMFR item-level ratings and scoring worksheet data for each school into Excel or another spreadsheet.
- Update twice annually or annually
- · Analyze for trends:
 - Items with consistently lowest and highest ratings
 - Schools/districts with lowest and highest ratings
- Conduct PDSA Cycles to support improvement efforts and to inform:
 - · Resource allocation
 - Alignment and coherence across initiatives
 - Prioritization of I-MTSS implementation



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Resources and Wrap-Up



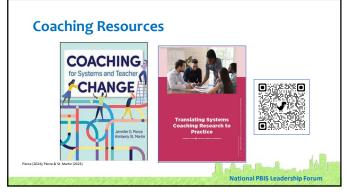
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I-MTSS Resources

- Special Issue on I-MTSS from Intervention and School Clinic: https://mtss.org/intervention-in-school-and-clinic-special-series/
- I-MTSS Network: https://mtss.org/
- PBIS Network: https://www.pbis.org/video/integrating-academic-social-emotional-behavioral-and-mental-health-supports-for-student-need
- AIR: https://mtss4success.org/resource/integrated-mtss-rubric





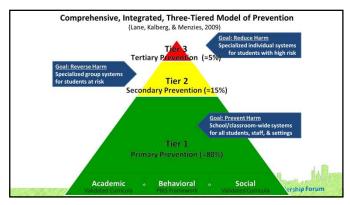


Collecting and Using Treatment Integrity and Social Validity Data

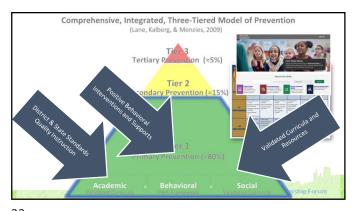
An Illustration in Ci3T Models

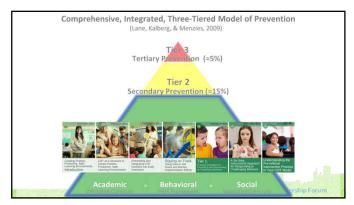
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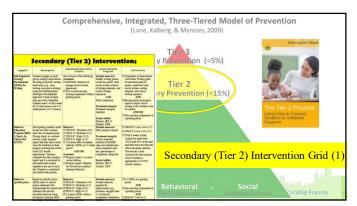
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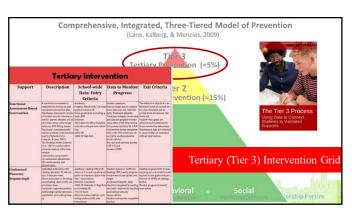


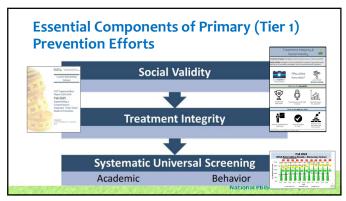


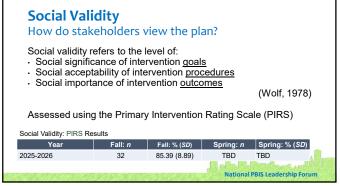


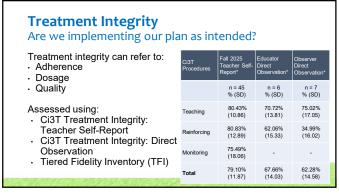


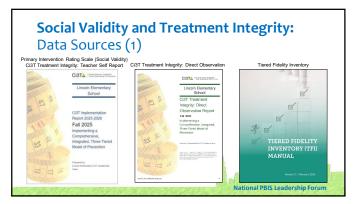


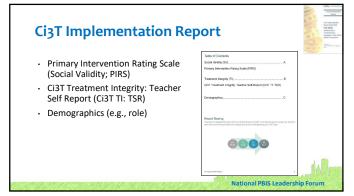


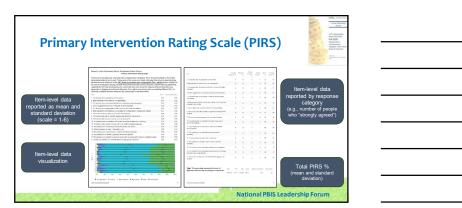


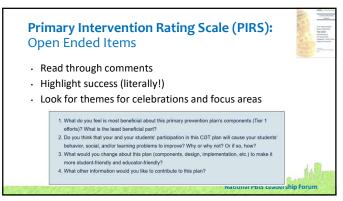


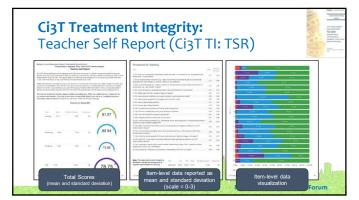




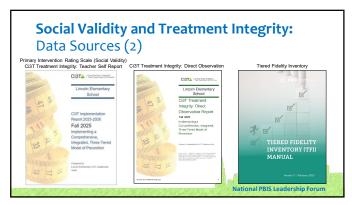


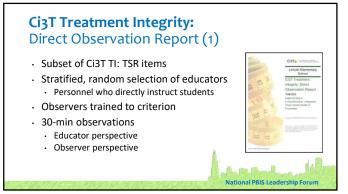


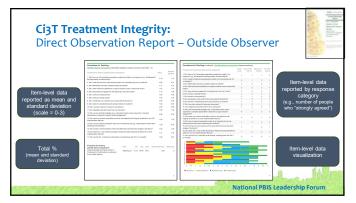


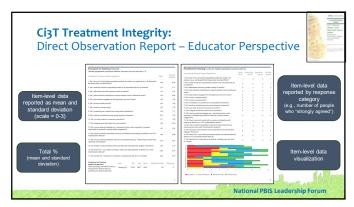






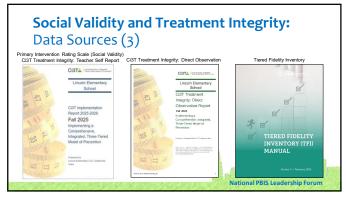




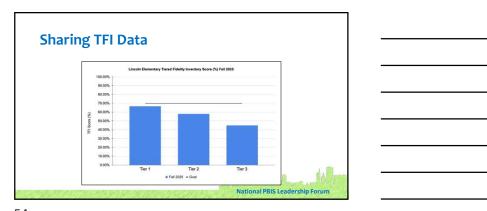


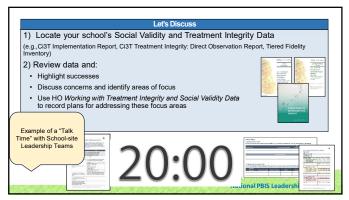


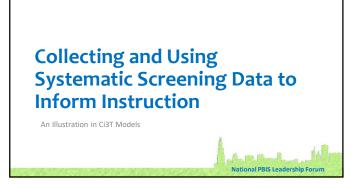


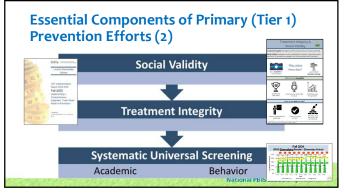


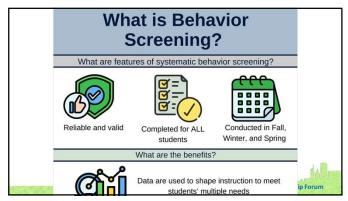


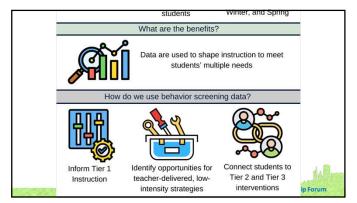


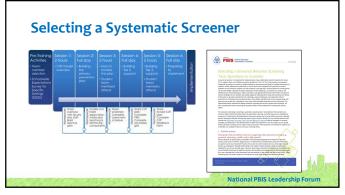




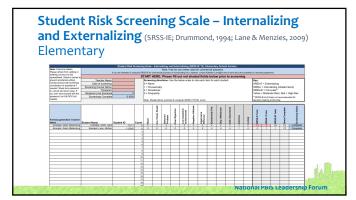


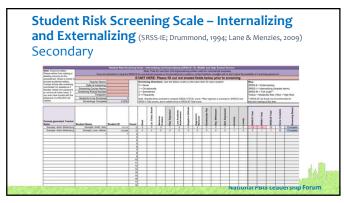


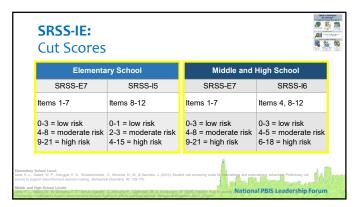


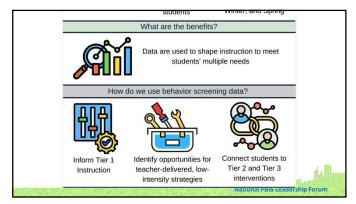


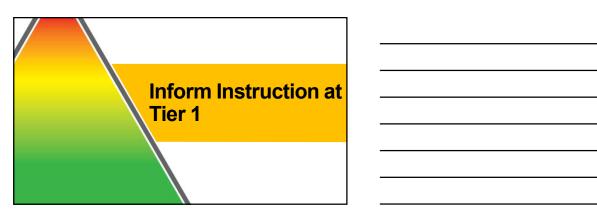


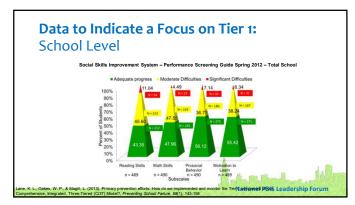


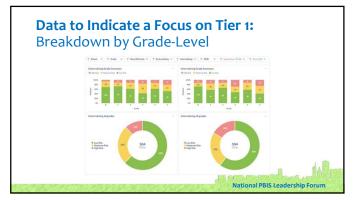








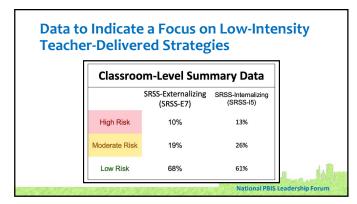


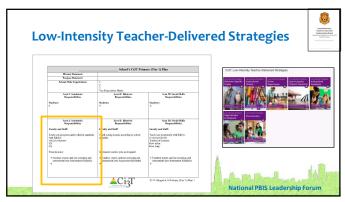




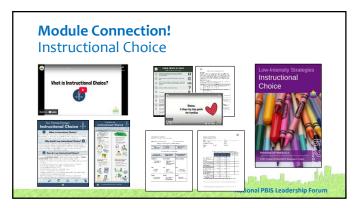
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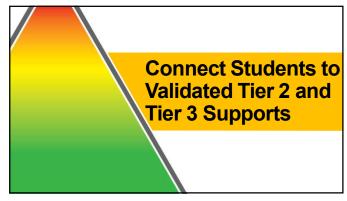


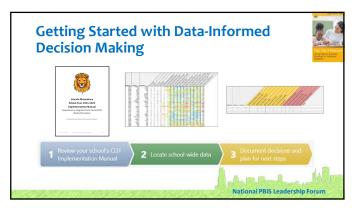


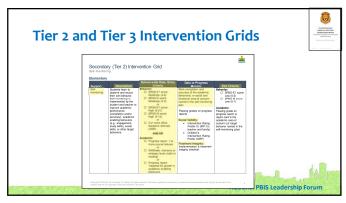


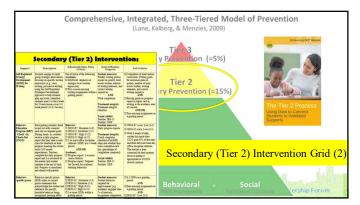
















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