

# Using **Data-Driven Decisions** to Evaluate your MTSS Practice

2022 Nebraska MTSS Summit | Younes Conference Center

October 13, 2022 | 2:45-4:00 p.m. | Breakout Session C



# Today's Learning Facilitator

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**Access today's session materials:**

[bit.ly/brm-nemtss-2022](https://bit.ly/brm-nemtss-2022)



# Learning Journey



What is MTSS & what data-driven decisions do we make?



System drivers & metrics for success

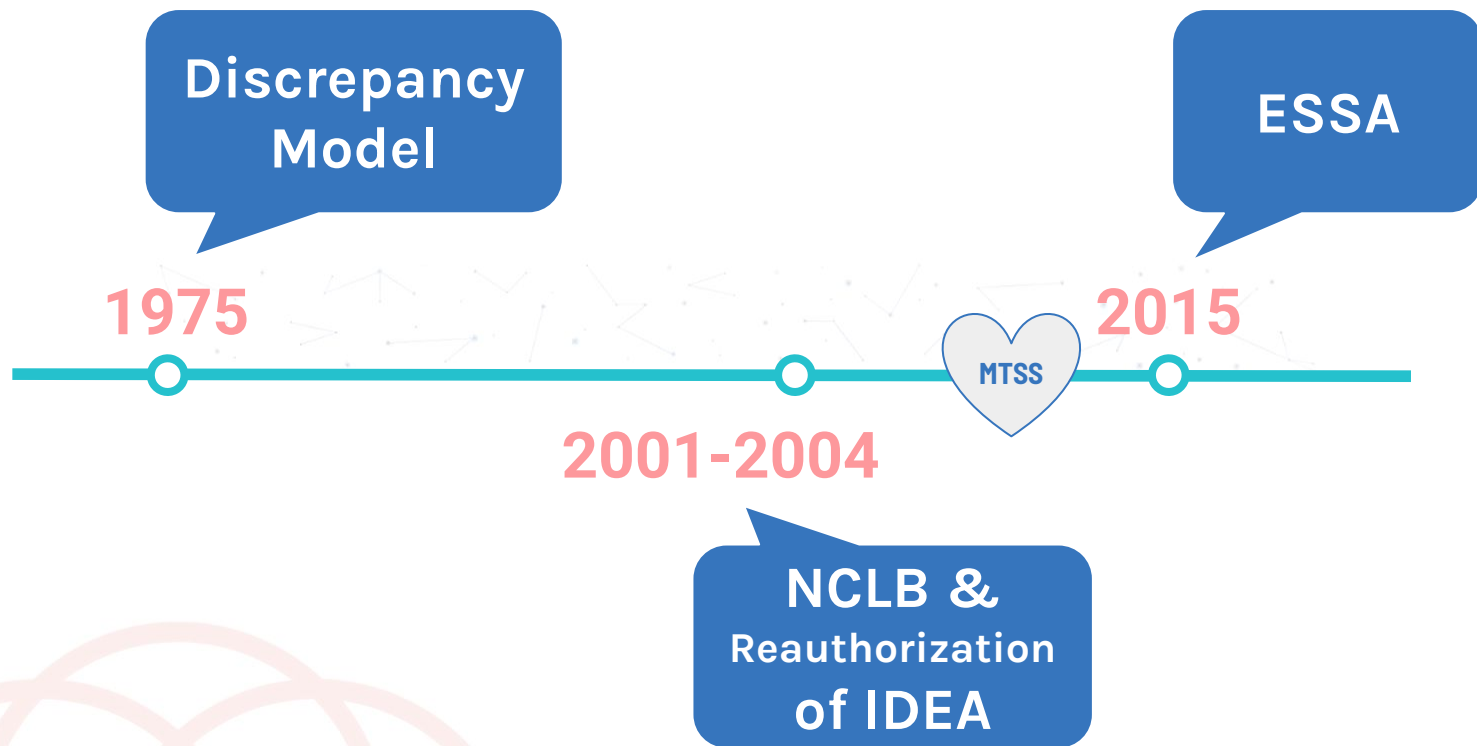


Data focus to monitor and adjust/adapt your MTSS

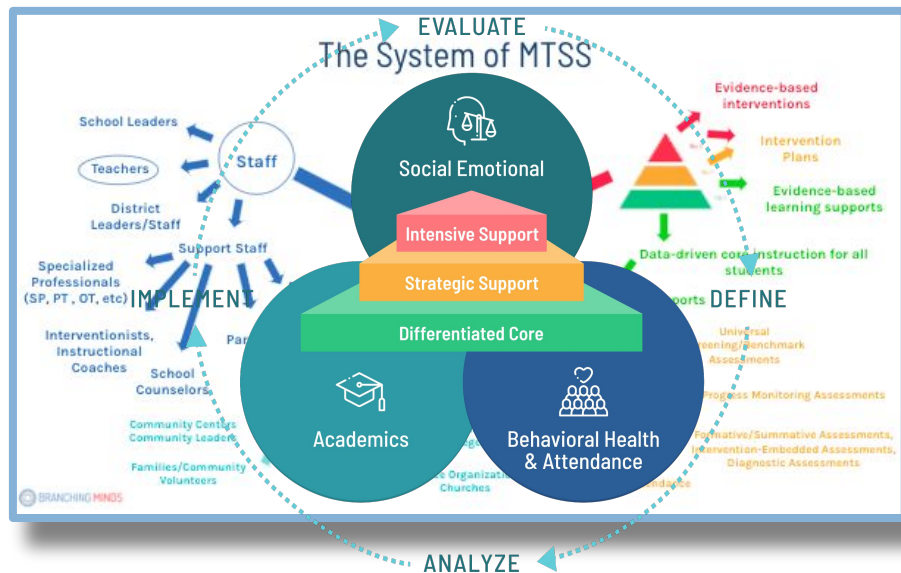


Questions?

# Brief History of Data-Based Decision-Making Policies



# What is an MTSS (Multi-Tiered System of Support)?



Universal Screening for ALL Students



Multi-Level Prevention System  
beginning with Quality Core/Universal  
Curriculum & Instruction



Problem-Solving Protocol (Define the  
Problem, Analyze Why & Develop a  
Plan, Implement Plan, and Evaluate  
the Plan Effectiveness & Adjust)

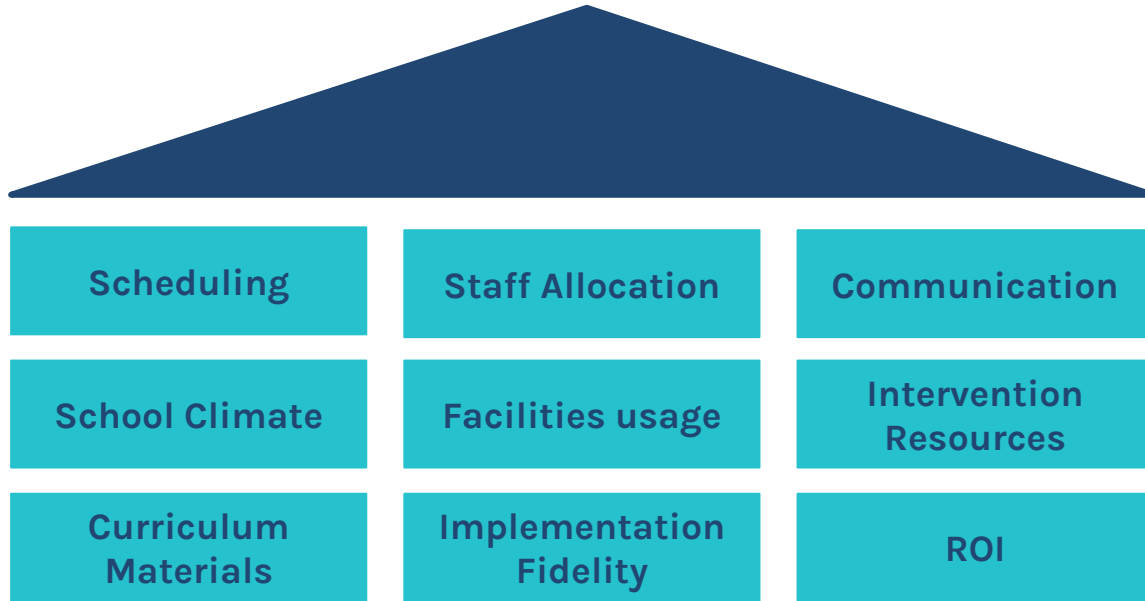


Making Data-informed Adjustments  
to Student Support



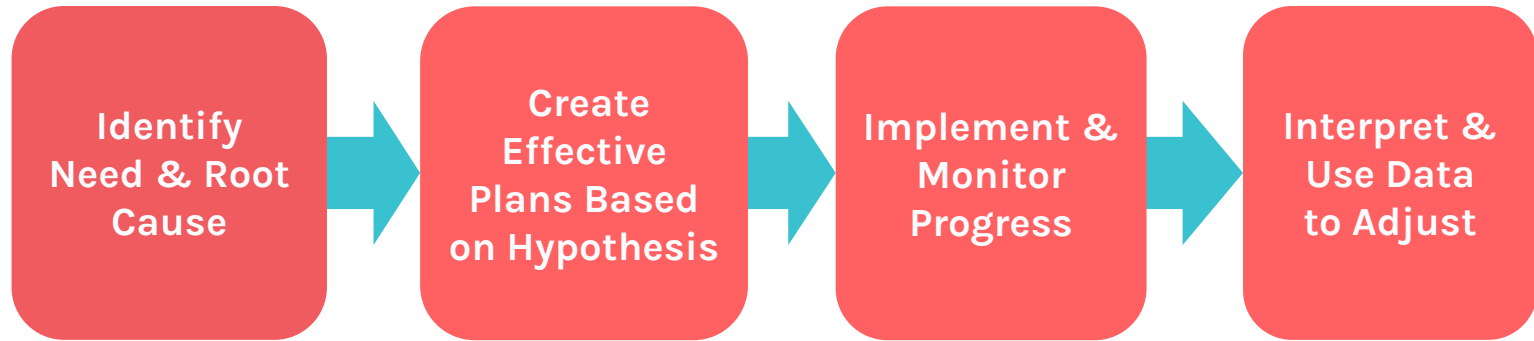
Communication and Collaboration  
through Quality Meetings

# Infrastructure to Support an MTSS



- ★ Professional Learning
- ★ Meeting Structures
- ★ Data Organization
- ★ Policies & Procedures
- ★ Community Resources
- ★ Family Involvement

# Data-Based Decision-Making Problem-Solving Strategy & Continuous Improvement





# Data-Based Decision-Making Problem-Solving Strategy & Continuous Improvement

A defining feature of MTSS is the continuous improvement driven by data. Teams collect and analyze data to diagnose problems or gaps and select strategies to address these challenges. Data tell us which strategies are most effective so we continue to include them in our repertoire.





System Drivers Metrics for Success

# Drivers that Support a Thriving MTSS

A background illustration featuring a green caterpillar with yellow and red spots on a green stem on the left. On the right, there are two butterflies: one with black and white wings and another with orange and black wings. The background is a light green gradient.

## Experience Spotlight: How My School Transitioned to MTSS

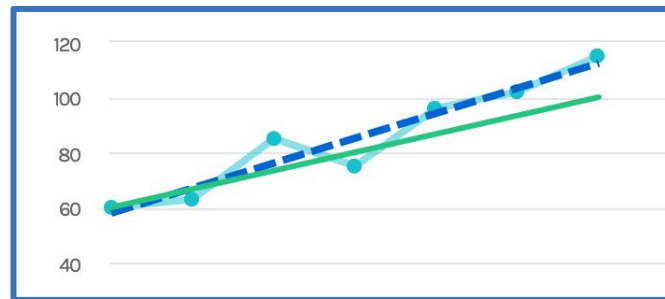
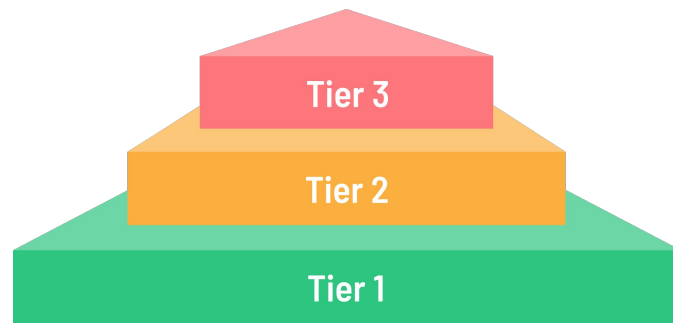
I have wanted to be an educator for as long as I can remember.

My FAVORITE season is back to school; the pencils,  
new bulletin boards, clean desks .

Mar 3, 2022 MTSS Practice, Instituting MTSS, Experience Spotlight

# Implementation Drivers

- ★ Ability to identify students' level of need
- ★ Quality support plans for all students identified with a need
- ★ Students' positive rate of improvement
- ★ Instruction and intervention fidelity



# Competency Drivers

- ★ Strategic staffing models
- ★ High quality professional development; research-based coaching strategies
- ★ Effective, aligned systems for feedback



# Leadership Drivers

FIGURE 7.2

An Emerging Framework for Connecting Equity in Principal Leadership to Equitable Outcomes



From *How Principals Affect Students and Schools: A Systematic Synthesis of Two Decades of Research* (2021), p. 75, available for free at [www.wallacefoundation.org](http://www.wallacefoundation.org)

Across six rigorous studies estimating principals' effects using panel data, **principals' contributions to student achievement were nearly as large as the average effects of teachers** identified in similar studies.

**Principals' effects, however, are larger in scope because they are averaged over all students in a school, rather than a classroom."**

– "How Principals Affect Students and Schools" (Wallace Foundation)





Data Focus to Monitor and Adjust/Adapt Your MTSS

# Making Data-Based Decisions around MTSS Drivers

Q. How do you improve and  
iterate your MTSS Practices?

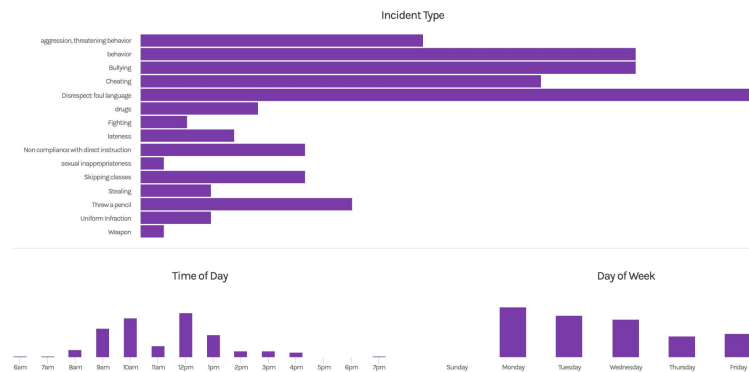
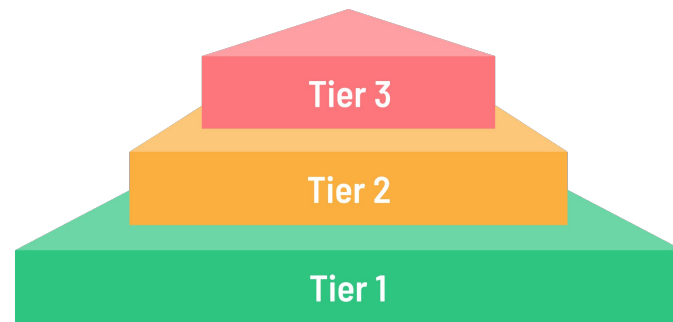




# Identification of Student Levels of Need via Assessments

★ Are there clear decision rules on how students with academic, behavioral, and SEL needs are identified?

- Universal Screeners
- Attendance
- SEL Screeners
- Behavioral Data



# Support Plan Quantity and Quality Data-based Decisions



SMART Goal



Progress  
Monitoring  
Tool



Intervention

- ★ How many students with needs have a plan?
- ★ Are the goals appropriate?
- ★ What type of support is delivered?
- ★ Are students meeting their goals?
- ★ What is the rate of improvement?

## Activity: Is this a Quality Plan?

Tier 2 Targeted Support Plan				
<b>Students:</b> Amy, Jose, Robert, Anju				
<b>SMART Goal:</b> The students will increase reading comprehension.				
Progress Monitoring				
Tool	Frequency	Start Date/End Date	Administered By	
Easy CBM	1x/month	9/1/21 10/15/21	Interventionist	
Intervention				
Tool	Frequency	Start Date/End Date	Location	Provided by
Read naturally	3x per week for 30 minutes	9/1/21 10/15/21	In class	Homeroom teacher

# Utilizing Data-based Norming Charts for Goals

Percentile	2nd Grade Number & Operations		
	Progress Monitoring		
	Fall	Winter	Spring
10th	5	6	8
25th	6	8	9
50th	9	12	12
75th	11	14	15
90th	13	15	16
Name  will count, read, write and understand number and place value to 1000 with  %  percent accuracy.			

1. Identify students that need targeted or intensive support.
2. Group students.
3. Set a goal for the group at proficiency (41%)\*. Step 4: Locate the norming chart for the progress monitoring tool. Identify the 41st percentile score for the skill/grade level of the student and time of screener.

\*Many universal screeners mark 40th percentile as proficient on normed assessments.

# Equity Data-Based Decisions



## Demographic

### Total - All Students



### Gender - Male



### Gender - Female



### Race - Caucasian



### Race - Black Or African American



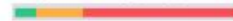
### Race - American Indian



### Hispanic



### English Language Learner



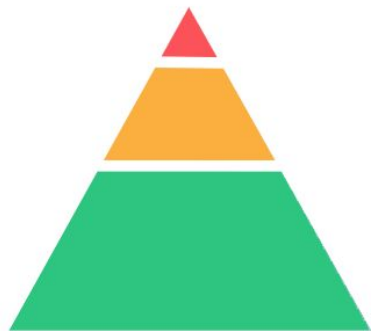
### FRI Status - Free



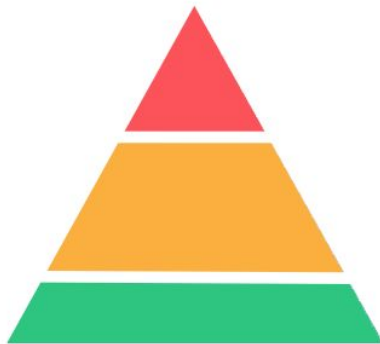
### # With IEP



# Equity Data-Based Decisions



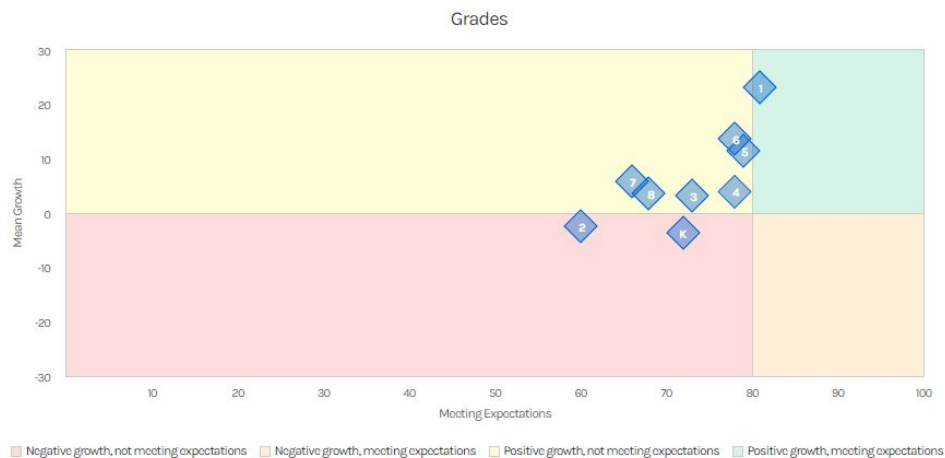
School A



School B



# Overall Impact and Student Growth Data





# Teacher Data Matters

★ Participation/Engagement

★ Climate Survey

★ Teacher Overall Impact Data

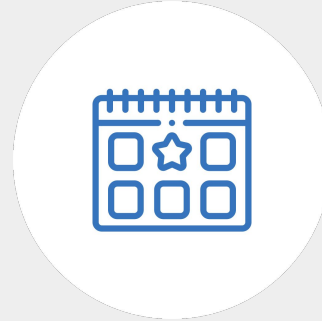
# Collecting Data is Not Enough



**Data Indicator  
(What data are  
collected?)**



**Who reviews data?**



**What is the review  
cadence?**



**What actions are  
taken as a result of  
the data?**

# Making Data-Based Decisions around MTSS Drivers

Q. How do you improve and iterate your MTSS Practices?

A. Create strong data culture and competency



# Collecting Data is Not Enough

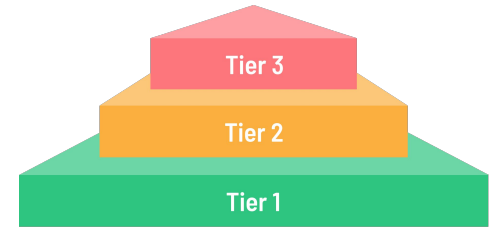


**What actions are  
taken as a result of  
the data?**

- ★ Identify trends, Prioritize needs
- ★ Provide a system of support to educators
- ★ Understand and employ comprehensive assessment protocol (screeners, PM tools, etc. for academics, behavior, and SEL)
- ★ Communicate, Communicate, Communicate!

# Today we learned...

- Which implementation drivers make a difference when implementing an MTSS
  - What student and educator data to look for to know if your system is in working order
  - The importance of leadership involvement in continuous improvement
- How to make strategic decisions about what data to review
- How to ensure that data is monitored, reviewed for trends, prioritized and acted upon



# ADD KAHOOT HERE

## Kahoot Questions

1. The best data indicator of a health MTSS is the number of support plans.
2. Impact data is a leading indicator of a healthy MTSS.
3. Reviewing support plan data can help schools become more equitable.
4. Data helps schools and districts collaboratively identify what types of support staff need to improve MTSS practices.



# Q&A







# BRANCHING MINDS

## Hi! We are Branching Minds

Branching Minds is an MTSS/RTI system-level education platform that brings together learning science + technology + team collaboration to help drive student and school success

**1,500,000** +

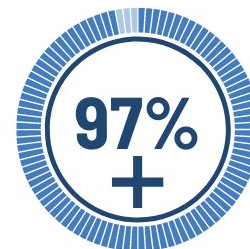
Supported  
Students



**32** States

**91%**

Of our business  
comes from  
repeat clients



Of school and  
district admins  
believe that BRM  
improved their  
ability to support  
students



# BRANCHING MINDS

## Proudly Certified:



Research-Based Design  
Product Certification by  
Digital Promise



Learner Variability  
Certification by  
Digital Promise



Privacy Rating by  
Common Sense:  
Pass



Data Privacy  
Certification by IMS  
Global



Interoperability  
Rating by Project  
Unicorn: Tier 4



# Before you go...



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