







4H -Let's Talk about Inclusive Strategies

Presenters:

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Topic: Students with Disabilities

Keywords: Alignment, Behavior, Academics





Learning Objectives

1. Identify high leverage practices

 Learn differentiated strategies for students with disabilities

3. Consider the role behavior plays on academic success

3 Key Questions

What is PBIS/MTSS?



What are HLPs?





How do we implement MTSS and HLPs?

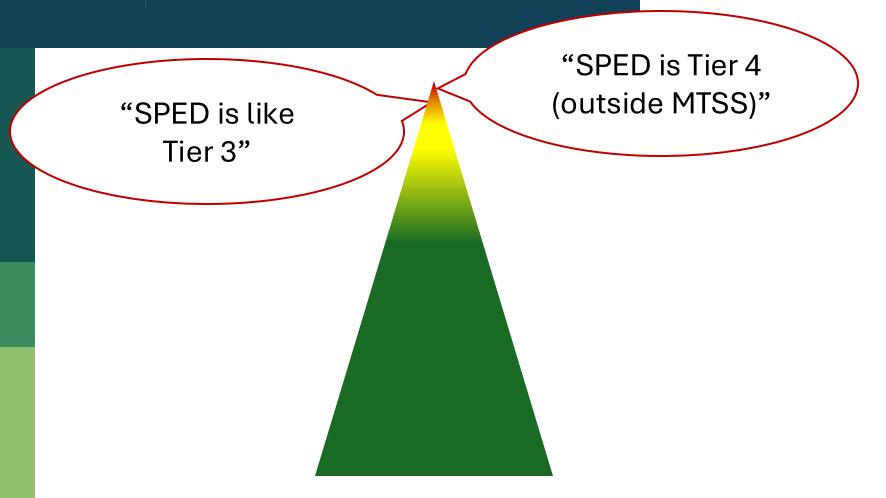
Myths & Facts

What is PBIS/MTSS?

What is it **not**?



MYTH MTSS is only for students in...





"Special education is like Tier 3 (or Tier 4)"

"MTSS is a special education initiative"

"SPED is Tier 4 (outside MTSS)"

"MTSS is a referral process for SPED"

What else have you heard?



Most students with intellectual & developmental disabilities (IDD) continue to be educated in separate settings

(Agran et al., 2020; Wehmeyer et al., 2021)

We can do better!

Students with disabilities in separate settings rarely have access to the full range of PBIS.

(Hawken & O'Neill, 2006; Zagona et al., 2021) Special educators are often *not* included on teams or training focused on PBIS.

The Reality in Schools

Credit: Strickland-Cohen, 2024

(Walker et al., 2018)

Why is this myth problematic?

MYTH

MTSS is only for students in....



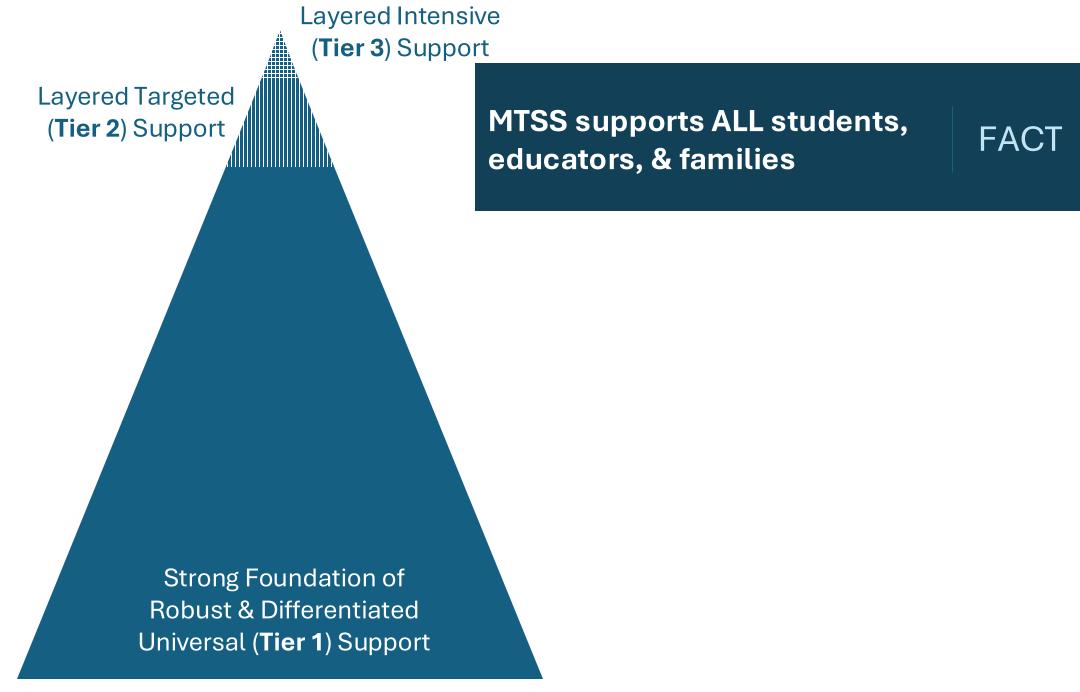
General Education



Special Education

If we fail to see MTSS as a system for *ALL* students, including students with disabilities, then we **miss opportunities** ...

- to invest in **prevention** for **all** students
- to create inclusive and truly universal supports
- to recognize that we all benefit from support in all tiers





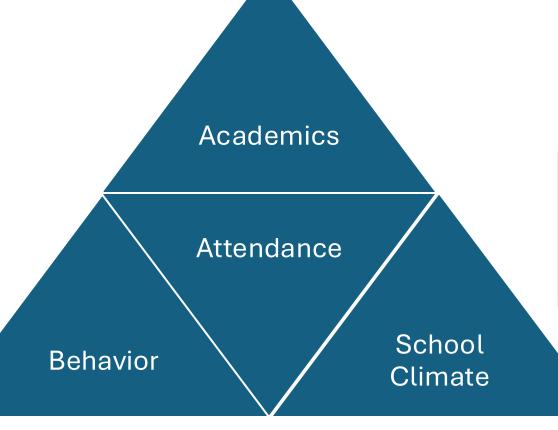
MTSS is only about...



Behavior / Academics



Are you implementing MTSS for...





Are you implementing MTSS in your district or school?

Attendance

Behavior & Academics

Climate



FACT



Improved Student Outcomes

- Academic Achievement
- Prosocial Behavior
- Attendance
- · Emotional Regulation
- Reduced Bullying and Harrasment
- Reduced Alcohol and Other Drug Use
- Improved Outcomes for Students With Disabilities



Reduced Exclusionary Discipline

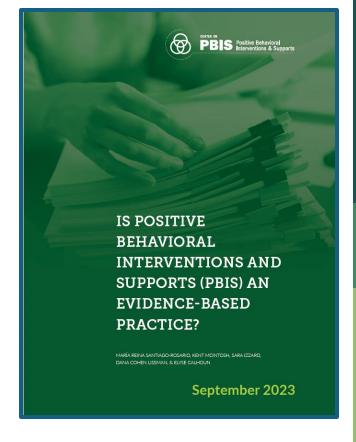
- · Office Discipline Referrals
- Suspensions
- · Restraint and Seclusion
- · Racial Inequities

Evidence for each outcome available at www.pbis.org/resource/is-school-widepositive-behavior-support-anevidence-based-practice



Improved Teacher Outcomes

- Teacher Efficacy and Well-Being
- Teacher-Student Relationships
- Student Engagement and Instructional Time
- School Culture and Organizational Health
- Climate and Safety



An integrated and/or aligned approach is important because...

Attendance

Behavior & Academics

Climate

MTSS can organize supports for a range of student skills

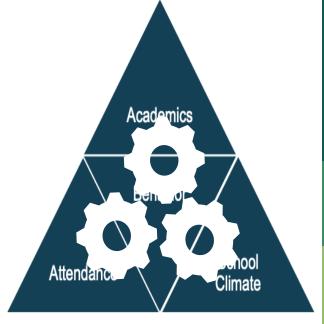
FACT



Students' skills (& needs) are not siloed

Teachers benefit with integrated approaches

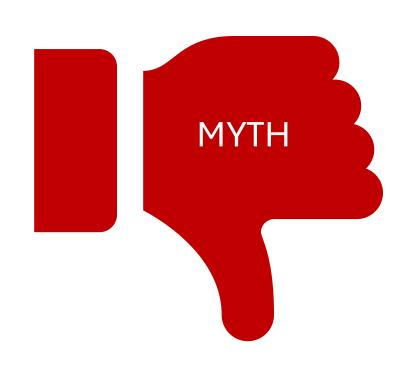




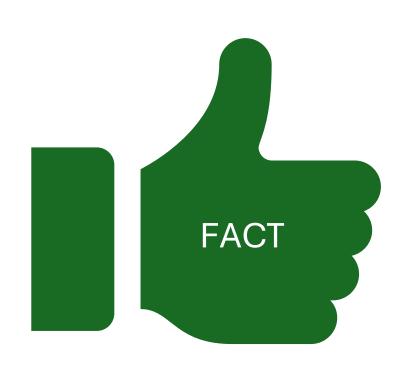
↑ efficiencies &
↓ duplication

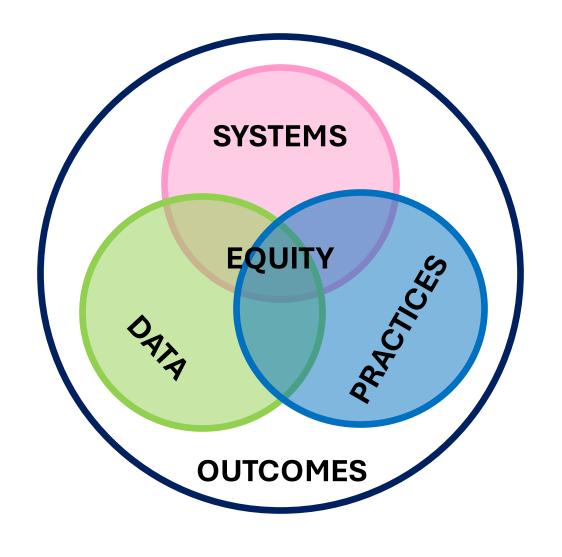
MYTH

MTSS is a program or set of practices (and not also about systems or data)



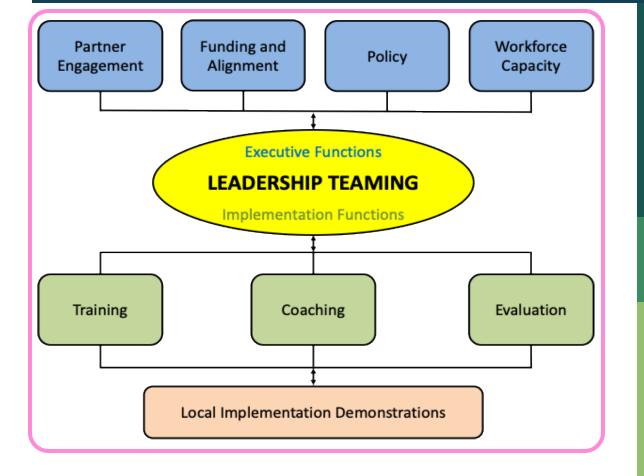






MTSS is a comprehensive prevention framework with 5 essential elements

FACT



Putting it together, MTSS...

- is a comprehensive **prevention framework** that
- prioritizes systems and data to guide implementation of
- an aligned/integrated continuum of practices to
- improve **outcomes** for **ALL** students, educators, & families

What is PBIS/MTSS?

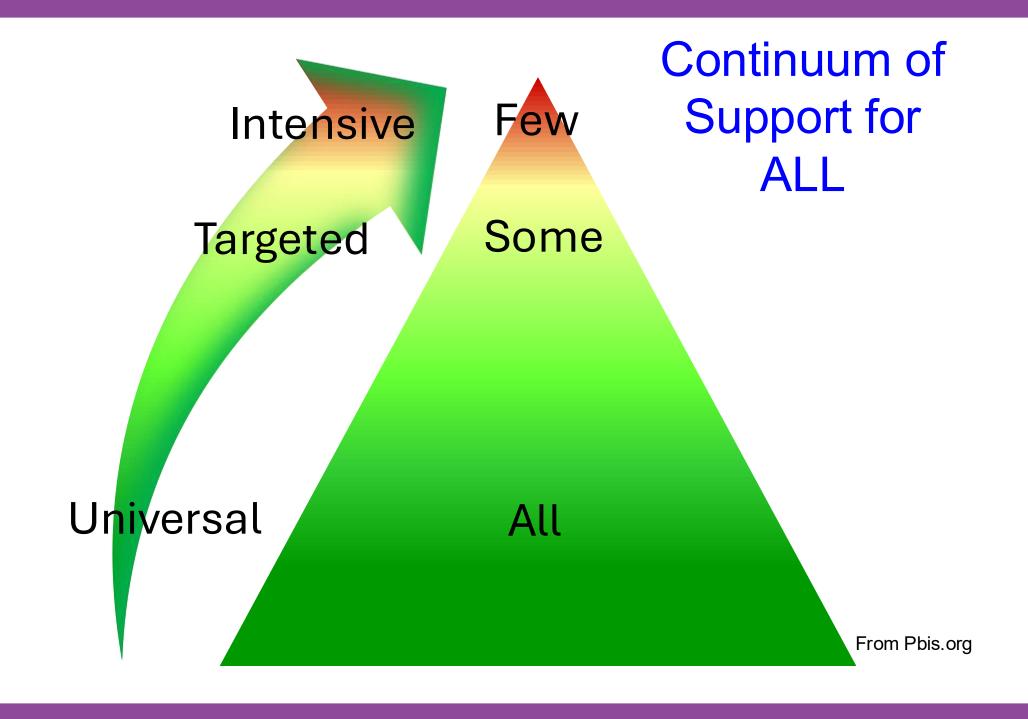
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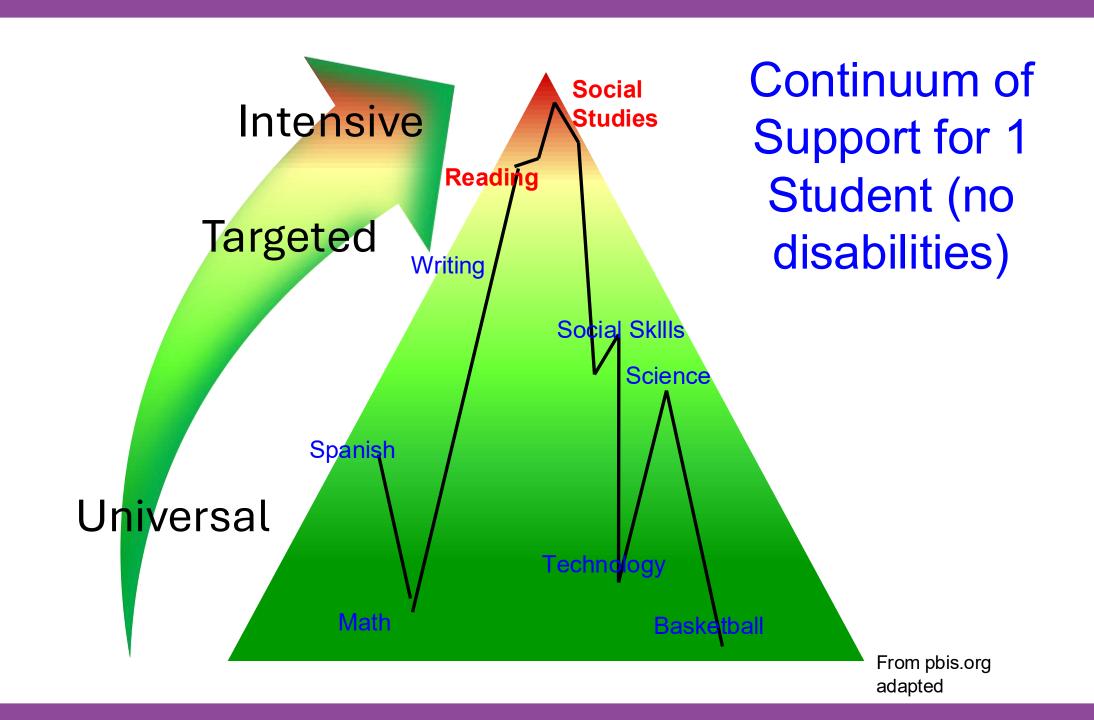
aligned/integrated **continuum of practices** to
improve **outcomes** for **ALL** students,
educators, & families

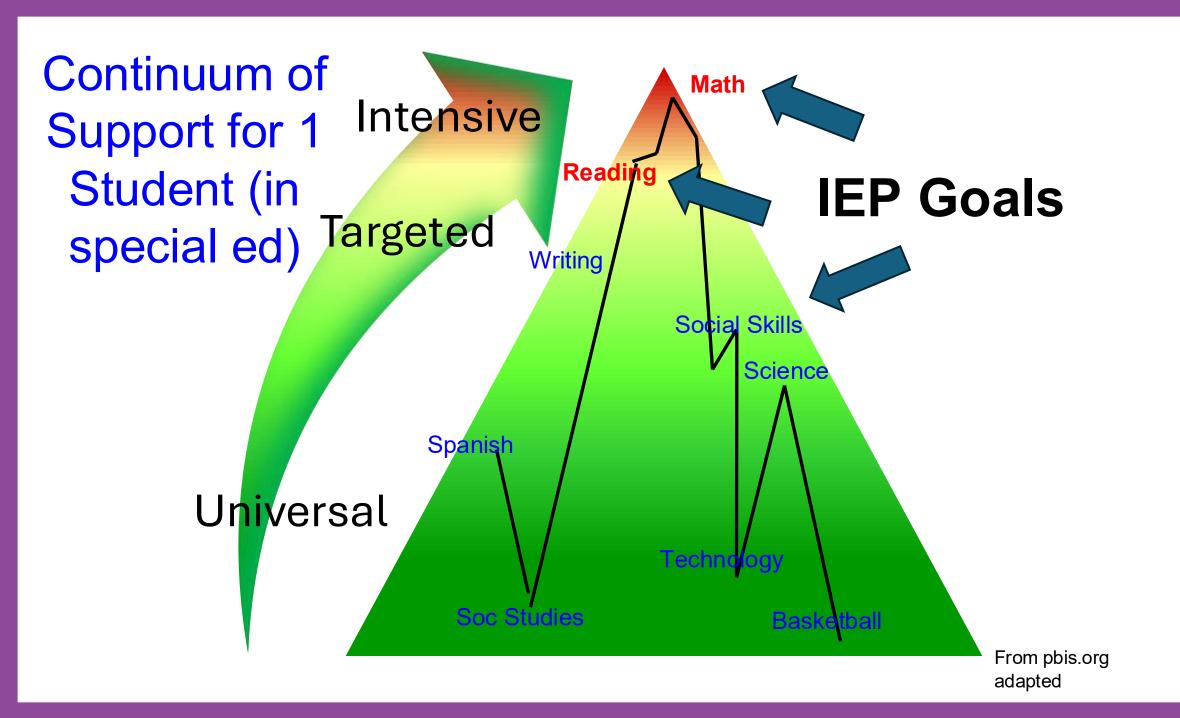
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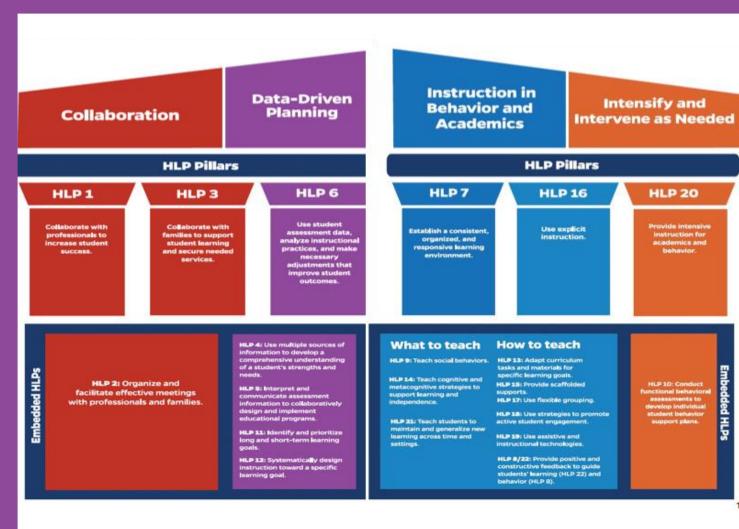
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What are HLPs?

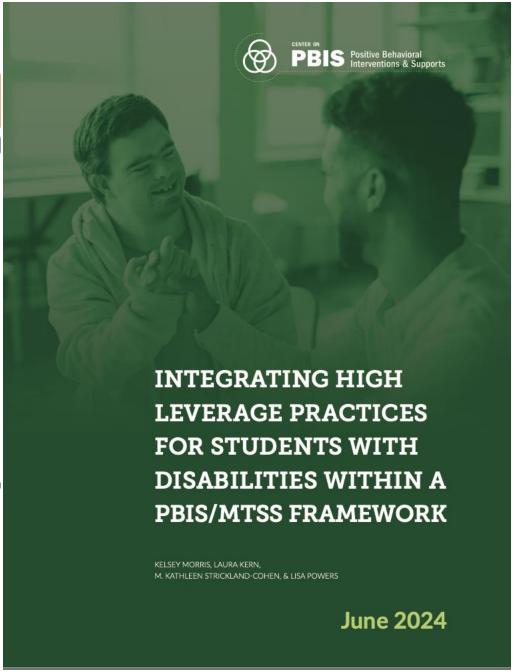








Aceves, T. C. and Kennedy, M. J. (Eds.) (2024, February). *High-leverage practices for students with disabilities. 2nd edition. Council for Exceptional Children and CEEDAR Center.*



Organize and facilitate effective **team** meetings with professionals and families

HLP₁

Collaborate with **professionals** to increase student success

HLP₃

Collaborate with **families** to support student learning and secure needed services.



Collaborate with professionals & families to increase student success

Teaming	Communicating	Training
A representative group of educators including: general and special education, grade level or departmental representation, and certified and non-certified staff school administrator, relevant community partners (e.g., mental health providers), and representatives from key subgroups 	are consulted to ensure accessibility of schoolwide supports for students with disabilities, ntation, and and non-certified staff administrator, community partners (e.g., nealth providers), and are consulted to ensure accessibility of schoolwide supports for students with disabilities, Teams have regular two-way communication across tiers to ensure a seamless continuum of support, accessibility of targeted supports for	Special education teachers are included in schoolwide PBIS trainings to ensure consistent implementation and increase collaboration across environments All relevant staff (special educators and general educators) participate in training on how to implement or support Tier 2 interventions.
(e.g., families of students with disabilities) Tier 3: Individual student support teams are uniquely constructed with input/approval from the student/family	Individual student support teams work collaboratively to construct, implement, monitor, and adapt the student-specific supports based on student-specific data	All relevant staff (special educators and general educators) participate in training on how to implement or support each individualized student intervention plan that is in place.

HLP₆

Use student assessment data, analyze instructional practices, and adjust to improve student outcomes.

- Team collects and regularly meets to use fidelity, outcome, and feedback data to...
 - ...better understand current impact and progress of tiered systems and practices
 - ...guide necessary adjustments to maximize benefit for all students and adults

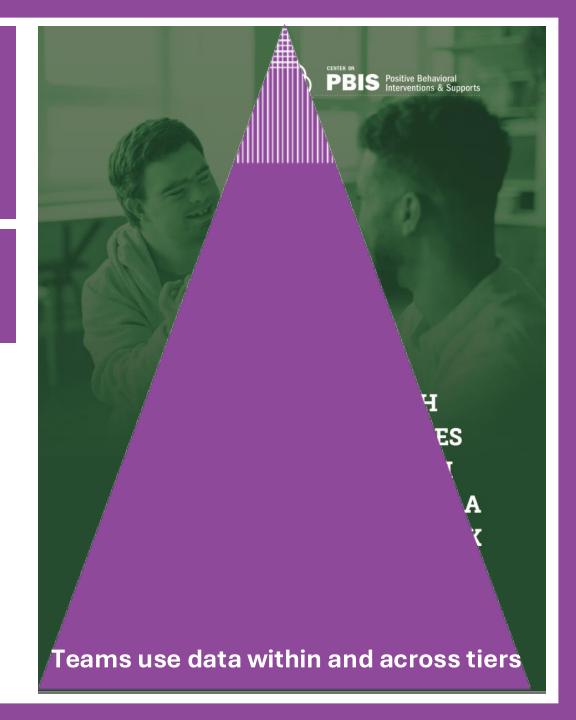


Use student assessment data, analyze instructional practices, and adjust to improve student outcomes.

HLP 4

Use **multiple sources of data** to comprehensively understand a student's strengths and needs.

- Teams organize and analyze implementation fidelity and outcome data for all students (school-wide), including key subgroups of students (e.g., students with disabilities)
- Teams compare expected and actual performance to identify strengths and areas for improvement for both students and staff



Use student assessment data, analyze instructional practices, and adjust to improve student outcomes.

HLP 4

Use **multiple sources of data** to comprehensively understand a student's strengths and needs.

HLP₅

Interpret & **communicate** assessment information to collaboratively design & implement ed. programs

- Use accessible language and multiple formats to share data about strengths and needs related to PBIS fidelity and outcomes
- Solicit feedback and input from students, staff, and family members on their experiences



Use student assessment data, analyze instructional practices, and adjust to improve student outcomes.

HLP 4

Use **multiple sources of data** to comprehensively understand a student's strengths and needs.

HLP₅

Interpret & **communicate** assessment information to collaboratively design & implement ed. programs

HLP 11

Identify and prioritize long- & short-term learning goals

HLP 12

Systematically **design instruction** toward a specific learning goal



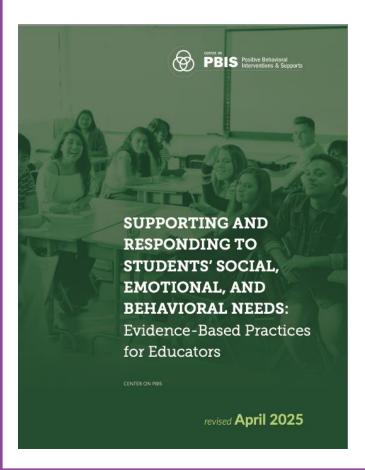
How else have you collaboratively (HLP 2) used data (HLP 6) to support students?

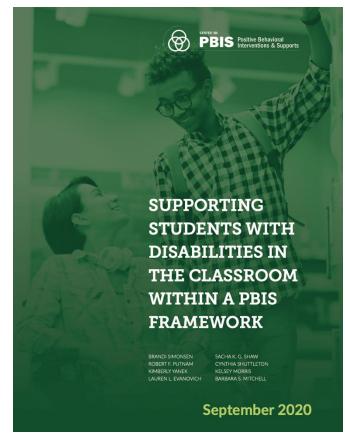


Establish a consistent, organized, and responsive learning environment...
...for all



Establish a consistent, organized, and responsive learning environment...
...for all, including students with disabilities





- Design & adapt the physical environment
- Develop & explicitly teach routines
- 3. Post, define, & teach 3-5 positive expectations
- 4. Promote active **engagement**
- 5. Provide **prompts**
- 6. Actively **supervise**
- 7. Use behavior-specific **praise** & other strategies to acknowledge
- 8. Use **error correction** & other strategies to respond
- 9. Use more positives than correctives (**5:1 ratio**)
- 10. Collect & use data

Use explicit instruction.

What to Teach

HLP9

Teach social behaviors

HLP 14

Teach cognitive & metacognitive strategies to support learning and independence

HLP 21

Teach students to maintain & generalize new learning across time and settings



- 1. Design & adapt the physical environment
- 2. Develop & explicitly teach **routines**
- 3. Post, define, & teach 3-5 positive expectations
- 4. Promote active engagement
- 5. Provide **prompts**
- 6. Actively **supervise**
- 7. Use behavior-specific **praise** & other strategies to acknowledge
- 8. Use **error correction** & other strategies to respond
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Use explicit instruction.



September 2015

Examples of Engaging Instruction to Increase Equity in Education

Erin A. Chaparro, Rhonda N. T. Nese, & Kent McIntosh

Racial discrimination in our education system is well documented and undisputable. The U.S. Departments of Justice and Education have jointly acknowledged a link between discriminatory discipline practices and negative behavioral, social, and academic outcomes for students (U.S. Department of Education, 2014). Educators across the country are seeking solutions to address racial and ethnic disproportionality in discipline practices in their schools. An intentional data-based focus provides one promising solution to increase equity in our schools. Engaging instructional strategies provide another promising solution. This technical brief is based on the 5-point multicomponent approach to reduce disproportionality (McIntosh, Girvan, Homer, & Sugai, 2014). This brief elaborates on point one, regarding academic instruction, by defining key principles of evidence-based instructional practices, providing examples of each of the defined principles, and describing how academic instruction is related to equity in school discipline.

How to Teach

HLP 13

Adapt curriculum ...for specific goals

HLP 15

Provide scaffolded supports.

HLP 17

Use flexible grouping

HLP 18

Promote active student engagement

Use explicit instruction.

SCORE IT

A research-based self-monitoring app that is changing student behavior one click at a time.



How to Teach

HLP 13

Adapt curriculum ...for specific goals

HLP 15

Provide scaffolded supports.

HLP 17

Use flexible grouping

HLP 18

Promote active student engagement

HLP 19

Use assistive and instructional technologies

Compatible with READ 180, SYSTEM 44, and iRead

Use explicit instruction.

How to Teach

HLP 13

Adapt curriculum ...for specific goals

HLP 15

Provide scaffolded supports.

HLP 17

Use flexible grouping

HLP 18

Promote active student engagement

HLP 19

Use assistive and instructional technologies

HLP 8 (learning) **& 22**

Provide positive and constructive feedback

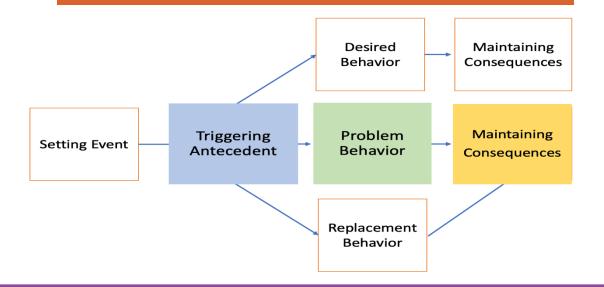
How else have you created an effective environment (HLP 7) and explicitly taught (HLP 16) to support students?



Provide intensive instruction for academics and behavior.

HLP 10

Conduct functional behavioral assessments to develop individual student behavior support plans.





What is PBIS/MTSS?

PBIS/MTSS is a comprehensive **prevention**framework that prioritizes systems and data
to guide implementation of an
aligned/integrated continuum of practices to
improve outcomes for *ALL* students,
educators, & families.

What are HLPs?

HLPs are **evidence-based** and **effective**practices that every educator "should know and have in their toolbelt."

"HLPs for students with disabilities are not only effective for students with IEPs, but evidence also shows they are effective for all students (Nelson et al., 2022)"

https://highleveragepractices.org





What are HLPs?





How do we implement MTSS and HLPs?



Listed in alphabetical order Let's peek at our approach

- Jessica Bourget
- Chloe Cantero
- Mike Coyne (PI)
- Tobey Duble Moore
- Michael Gentile
- Kelly Kearney
- Tracey Lamothe
- Betsy McCoach (Co-PI)
- Katie Meyer
- Sarah Newton
- Nicole Peterson
- Ashley Plumb
- Mara Power
- Karen Robbie
- Clarisa Rodrigues
- Brandi Simonsen (Co-PI)



High Leverage Practices

for SEB & Academic Instruction & Support





Teach content and skills explicitly



Actively engage students in relevant learning opportunities



Prompt learners before skills are expected



Provide specific positive to corrective **feedback** (≥5:1)

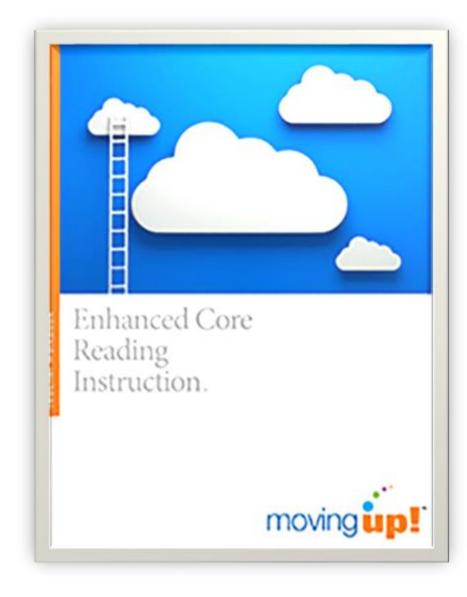


Use data to monitor and adjust

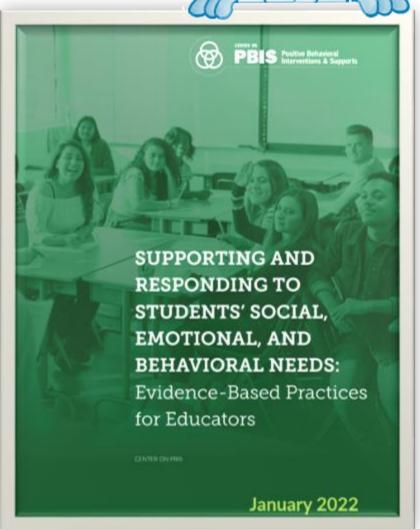




Integrated Universal Support (Tier 1)











Reading Universal Support (Tier 1)

Sample of ECRI Practices

Sample of ECRI Routines	Explain	Model	Practice	Correct	
Irregular Word Reading	✓	√	✓	√	
Phoneme Blending	✓	√	√	√	
Sound-Spelling	√	√	√	√	
Blending	✓	√	√	1	
Regular Word Reading	√	1	√	√	
Decodable Text	√	√	√	√	
Phoneme Segmentation	√	/	√	√	
					I-MTSS



Integrated Universal Support (Tier 1)

Integrated ECRI Practices

		• •	•	•		
Integrated ECRI Routines	Prompt	Explain	Model	Practice	Correct	Praise
Lesson Intro (Expectations)						
Irregular Word Reading	✓	✓	✓	✓	✓	√√√
Phoneme Blendig	✓	✓	√	✓	√	√√√
Sound-Spelling	√	✓	✓	✓	✓	√√√
Blending	✓	✓	√	✓	✓	√√√
Regular Word Reading	√	√	√	√	√	///
Decodable Text	√	✓	√	✓	✓	√√√
Phoneme Segmentation	√	√	√	√	√	444
Lesson Closure (Game)						

Sound-Spelling Review: **Beginning Routine**

Materials: Chart of sound-spellings to review

Explain: Demonstrate the task as you are explaining it.

You're going to practice saying sounds. When I point to a letter, say the sound in your head. When I touch under the letter, say the sound out loud as long as I touch under the letter.

Model with Behavior Specific Prompt: : Set students up for success during the model and any mistakes. Use the signal for each sound-spelling. * Model until students

I'll show you how to say the sounds for the first two lette



Routine Closure & Transition: Provide brief specific praise and award a point for the Stud students have met expectations



Good job saying the sounds! We earned a point toward_ being respectful learners!

not met expectations



acher game for

or for the next routine

and feedback. This is not an and concise. Pair with specific

Pre-Correct Behaviors





BIGIDEA:

Embed proactive prompts, high rates of opportunities to respond (OTRs), and specific praise into lesson plans or curricular materials.

rect Behavior)

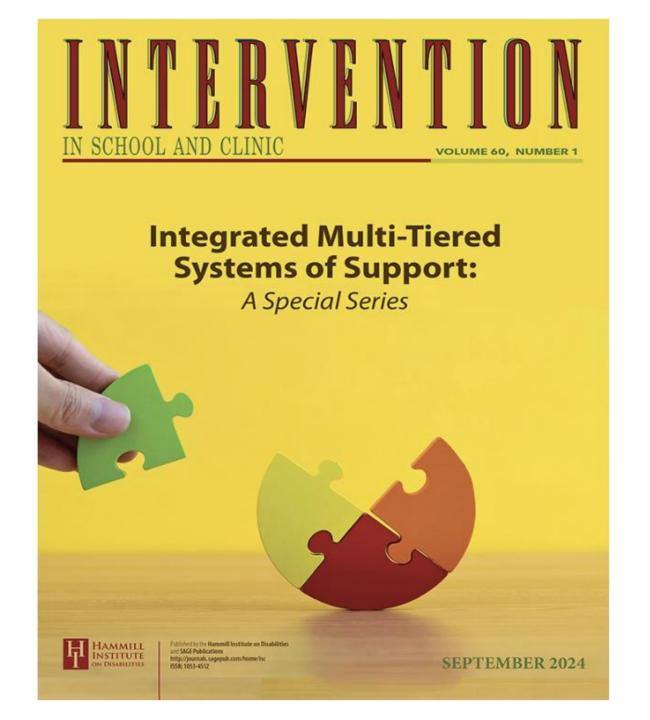
t/teacher aame). You

ay the sound. Let's try that again.

hen your eyes are on the board. I'd like to see



- Back up two sound-spelling



Article 1: A Four-Step Plan to Integrate Behavioral Practices Into Tier 1 Foundational Reading Instruction With an Integrated Lesson Plan Template

Melton, C., Power, M. E., Duble Moore, T., Plumb, A., Bourget, J., Coyne, M., & Simonsen, B. (2024). A Four-Step Plan to Integrate Behavioral Practices Into Tier 1 Foundational Reading Instruction With an Integrated Lesson Plan Template. Intervention in School and Clinic, 60(1), 6-16.

https://doi.org/10.1177/10534512241247556

Example Lesson Plan
Template

Integrated Lesson Plan

Integrated Template for Mr. Roja's Phoneme Blending Routine

÷

Routine: Phoneme blending

Target Words or Sounds to Practice: plate, wake, base, made, sale

MODEL

Explanation of Target Skill:

We are going to practice blending the sounds into words. First, I will say the sounds. When I say "word," you will blend the sounds into a word.

Behavior Prompt:

Remember to be respectful by having your voice off when it's my turn and by staying in your seat.

Model:

My turn. Listen to how I blend the sounds into a word. /p/ /l/ /ā/ /t/. What word? plate.

Behavior Specific Praise:

I love how you were all respectful listeners while I blended the word plate.

WHOLE GROUP PRACTICE

Prompt for Whole Group Practice:

Now, it's your turn! When I say "Word?" say the word out loud. Be safe and responsible by staying in your seat. Be respectful by waiting for my signal to say the word out loud.

Whole Group Practice:

*Blend words fake, wake, base, made, sale

Specific Feedback for Reading and Behavior:

Specific Praise:

- Reading Excellent job blending the sounds into words
- Behavior You are being very respectful and responsible by staying in your seats.

Corrective Feedback:

- Reading My turn. The word is "____" Watch me blend. / / / / /. Word: '____.' Your turn."
- Behavior Remember to be respectful/responsible by ______. You earn points when you are respectful/responsible.

INDIVIDUAL TURNS

Prompt for Individual Practice:

Now I'm going to call on some of you to practice blending on your own! Remember to be respectful by having your voices off while it's your friend's turn.

Individual Practice:

Call on 3-4 students for individual practice.

Specific Feedback for Reading and Behavior:

Specific Praise:

- Reading Excellent job blending the sounds in the word!
- Behavior You are being very respectful by having your voices off when it's your friend's turn.

Corrective Feedback:

- Reading My turn. The word is "Watch me blend. / / / / /. Word: '.' Your turn."
- Behavior Remember to be respectful/responsible by ______. You earn points when you are respectful
 and responsible.

ROUTINE REVIEW

Nice work blending words! You were responsible by and respectful by . You earned points!

Article 1: A Four-Step Plan to Integrate Behavioral Practices Into Tier 1 Foundational Reading Instruction With an Integrated Lesson Plan Template

A Four-Step Plan to Integrate Behavioral Practices into Tier 1 Foundational Reading Instruction

Why?

Students with reading difficulties often experience co-occurring social, emotional, and behavioral challenges.

Research suggests that students benefit from Tier 1 instruction that systematically *integrates* evidence-based foundational reading instruction with social, emotional, and behavioral supports.



How?

Start with an evidence-based Tier 1 reading program

Step 1 Provide behavioral prompts at the start of the lesson to set students up for success.

Step 2 Engage students with high rates of opportunities to practice the reading skills.

Step 3 Provide specific feedback to support academic and behavioral skill growth,

Step 4 Consider a group contingency to celebrate engagement during the reading lesson.

Melton, Power, Duble, Plumb, Bourget, Coyne & Simonsen (2024)



RESEARCH NETWORK

University of Connecticut I-MTSS Tier 1 Study Data Peek

(preliminary descriptive data from Cohort 1)

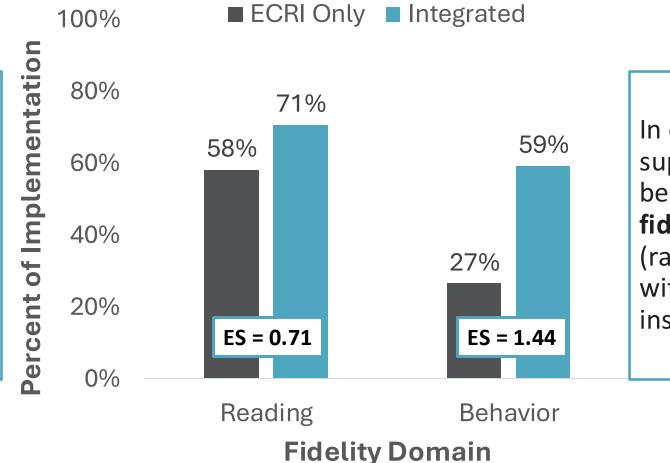




Teachers' Fidelity of Implementation

(preliminary descriptive data from Cohort 1)

Teachers implementing integrated reading & behavior support had higher fidelity of implementation of reading & behavior supports than their colleagues implementing only reading support



In other words, supporting students' behavior **enhanced the fidelity** of teachers' (rather than interfered with) reading instruction!

(Coyne, Simonsen, McCoach, et al., in progress)

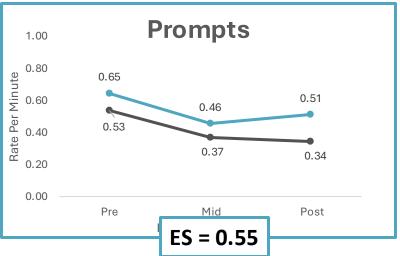


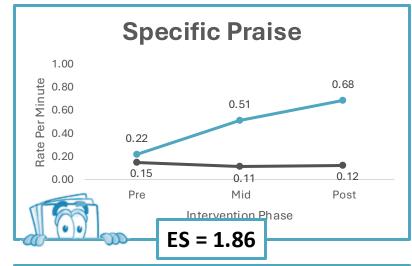
I-MTSS Differences in Teachers' Practice Rates

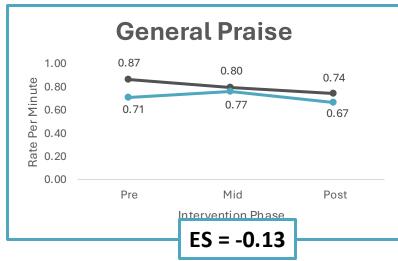
Integrated

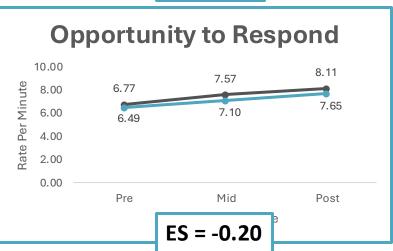


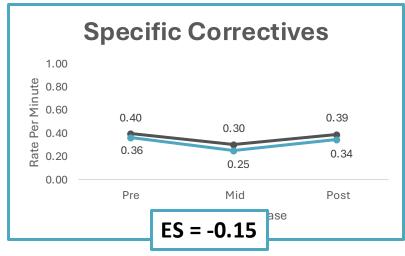
(preliminary descriptive data from Cohort 1)

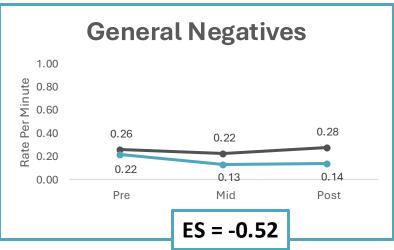












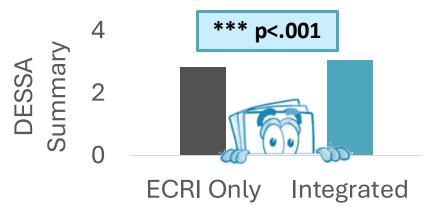
By the end of the study, teachers in the integrated condition implemented higher rates of prompts and specific praise (and lower rates of general corrections) than teachers in reading-only condition



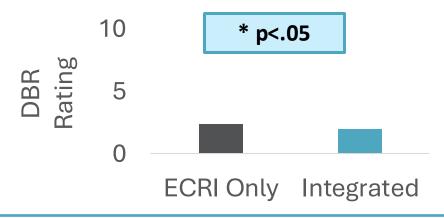
Teachers' Ratings of Student Behavior, Strengths, & Risk

(preliminary descriptive data from Cohort 1)

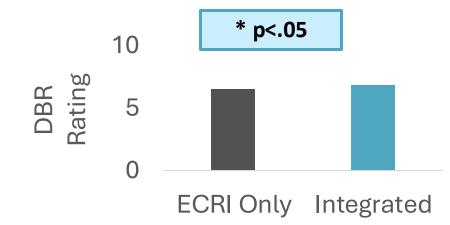
• greater SEB strengths (DESSA)



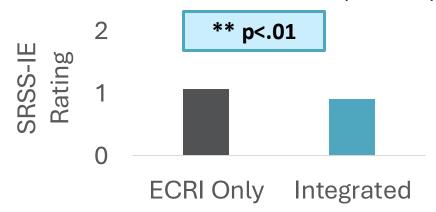
less disruptive (DBR)



more academically engaged (DBR)



• less risk for "low achievement" (SRSS-IE)

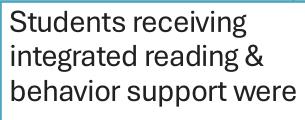


Compared to ECRI-only, teachers implementing integrated support rated their students as showing *greater strength* and *less risk* in academic and SEB skills. (Other ratings were in the desired direction, but not statistically significant.)



Direct Observations of Student Behavior

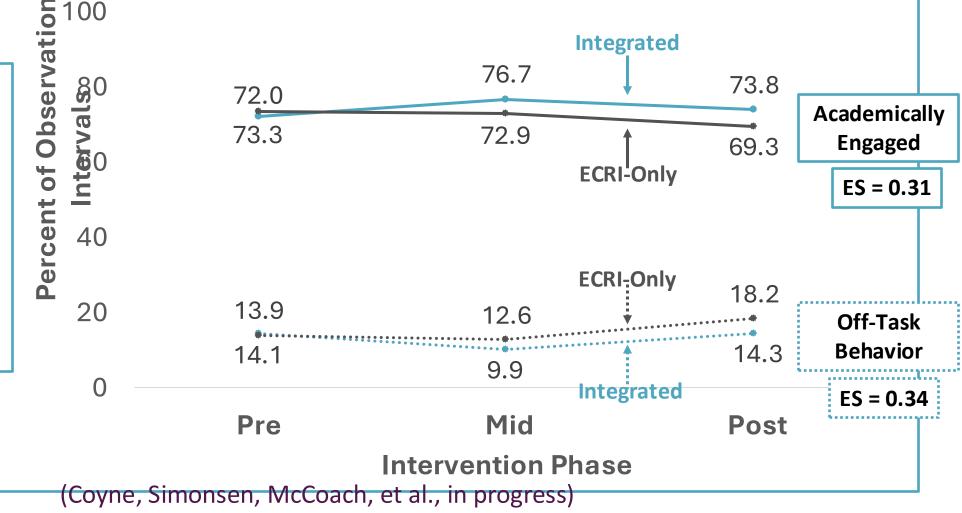
(preliminary descriptive data from Cohort 1)



more academically engaged &

reading-only condition

• *less* off-task than peers in the



Integrated Universal (Tier 1) Support

Students benefit from integrating PBIS practices within academic instruction to prompt, engage, and support meaningful learning.

Take Away

Message

What about students who need even more differentiated Tier 1?

Intentionally Intensify Practices



3 gen ed classroom teachers partnered with us, allowed us to observe, and implemented Tier 1 classroom practices at relatively **high rates**



Most students benefited: they were often academically engaged (> 80% of the first 6-12 days of observation)

Positive & Proactive Antecedent Strategies

Explicitly Teach SEB Skills
(Evidence-Based & Culturally Relevant)

Positive and Supportive Consequence Strategies



1 student with a disability in each class was <u>less</u> academically engaged (32-68% of observation) than their peers

(Simonsen, Meyer, et al., 2024)

Intentionally Intensify Practices



3 gen ed classroom teachers developed a plan to intensify practices for their identified student, and **2 teachers** self-managed with high fidelity



Most students *still* benefited: they were often academically engaged (> 90% of observation throughout remaining 15 weeks)

Increase Prompts

Increase OTRs

Increase Specific Praise



2 identified students (within the 2 "high-fidelity" teachers' classrooms) increased their engagement by an average of 30%—a "strong effect"

(Simonsen, Meyer, et al., 2024)



Intentionally Intensify Practices

Teachers can intensify their implementation of Tier 1 practices to better engage a student with disabilities in inclusive general education classrooms



Take Away Message

(Simonsen, Meyer, et al., 2024)

3 Key Questions Answered

What is PBIS/MTSS?

PBIS/MTSS is a comprehensive **prevention**

framework

pbis.org | mtss.org

What are HLPs?

HLPs are evidence-based and effective

practices that every educator "should know"

https://highleveragepractices.org

How do we implement MTSS and HLPs?

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