Starting Activity

- Step 1: Go to ci3t.org/enhance
- Step 2: If you have not already registered to access Enhancing Ci3T Modules, consider doing so.
- Step 3: Sign into the Recognize. Relax. Record. module (see Ci3T: Implementing Secondary (Tier 2) Interventions)



1

Recognize. Relax. Record. A Tier 2 Support for Students



A Presentation for Topeka Public Schools

Mark M. Buckman, PhD, Elise Sarasin, MSE Allison Bernard, M.Ed. Kathleen Lynne Lane, PhD, BCBA-D, CF-L2

We invite you to visit <u>ci3t.org/enhance</u> to access our collection of Enhancing Ci3T Modules following a one-time registration process

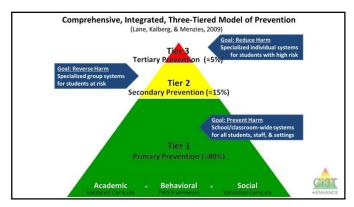


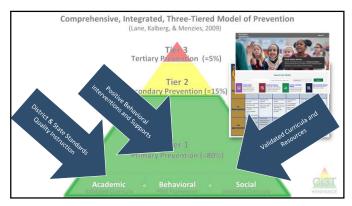
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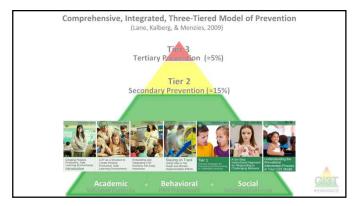
Agenda

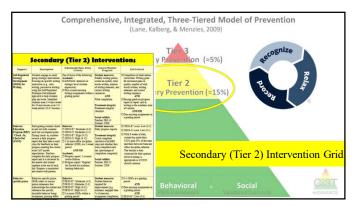
- 1. Welcome
- 2. A Focus on Students with Internalizing Behaviors
- 3. Situating Secondary (Tier 2) Interventions in Ci3T Models
- 4. Recognize. Relax. Record.
 - Introduction to Recognize. Relax. Record.
 A Step-by-Step Guide to Implementation
- 5. Wrapping Up and Moving Forward

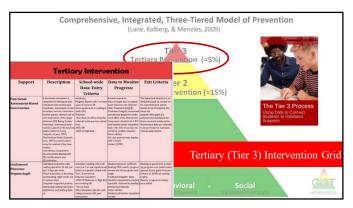














Session Outcomes

- Describe what internalizing behavioral challenges are, and who they impact.
- Describe three key components of Recognize. Relax. Record.
- Describe how to implement Recognize, Relax, Record, in a classroom setting.



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A Focus on Students with Internalizing Behaviors

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What are internalizing behaviors? (1)





Compared to externalizing behaviors, internalizing behaviors *tend* to be:

- More covert
- Less disruptive

but...

Internalizing challenges often co-occur with externalizing behaviors.



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What are internalizing behaviors? (2)





Some examples include:

- frequent complaints of illness or pain,
 social withdrawal,
- o irritability,
- o poor concentration, o restlessness,
- emotional outbursts,rapid breathing,

- sweating, ortrembling/shaking.



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Why should we be concerned about internalizing behaviors?





- Internalizing concerns are associated with multiple worrisome outcomes compared to students who do not have internalizing behavior patterns, such as:

 Lower levels of academic achievement (e.g., grade point average, GPA; Vaillancourt et al., 2013)

 Lower levels of school adaptation (e.g., ability to learn, ability to meet behavioral expectations, happiness/adjustment; Pedersen et al., 2019)

 Higher levels of school dropout (Weist et al., 2018)

 Higher levels of social rejection (Weist et al., 2018)

- Increased engagement in risk-taking behaviors (e.g., substance use, suicide; Weist et al., 2018)
- o Increased risk of physical health problems (Jamnik & DiLalla, 2019)

Who do internalizing behaviors impact? (1)



- ≈ 32% of children experience an anxiety disorder at some point during their childhood (Merikangas et al., 2010)
- Onset typically occurs during elementary years (Merikangas et al., 2010)
- Prevalence of behavioral, social, and emotional well-being challenges may be on the rise:
 - Lebrun-Harris and colleagues (2022) found an increase in anxiety and behavioral/conduct disorder from 2016-2020.



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Who do internalizing behaviors impact? (2) Internalizing Bisk Levels and Subcale Means Internalizing Bisk Lev

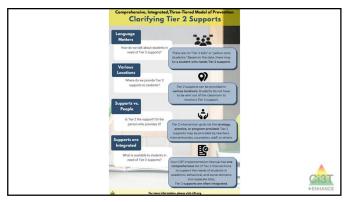
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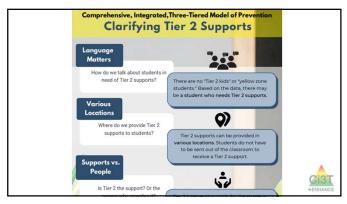
Ci3TA +ENHANCE

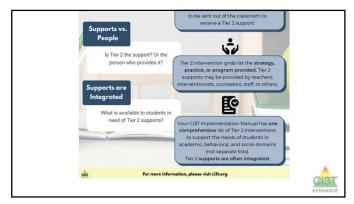
Situating Secondary (Tier 2) Interventions in Ci3T Models



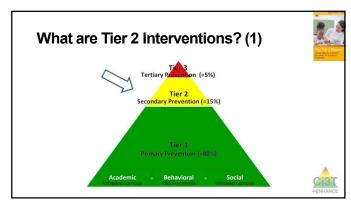


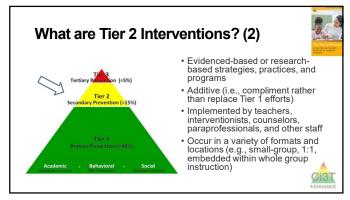


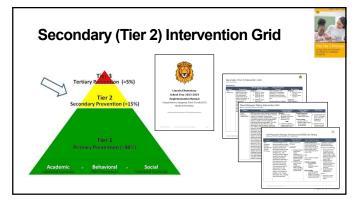


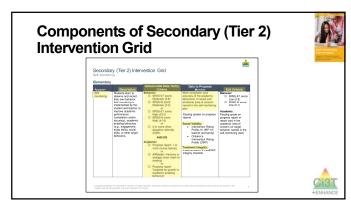


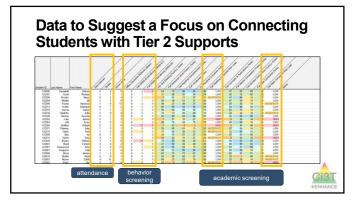


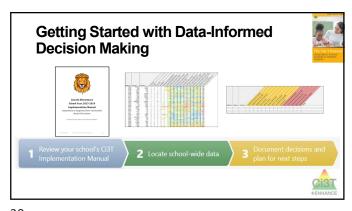


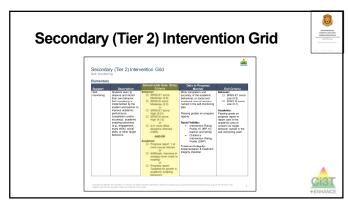


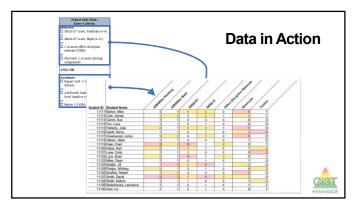


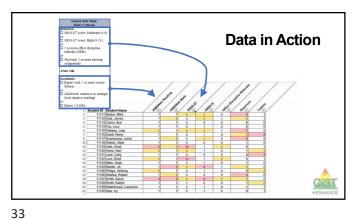


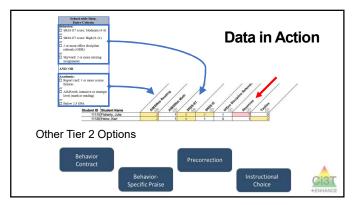




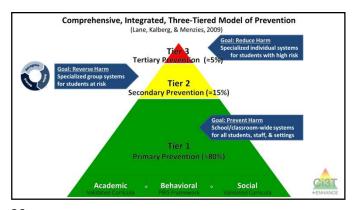


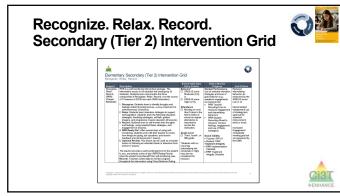






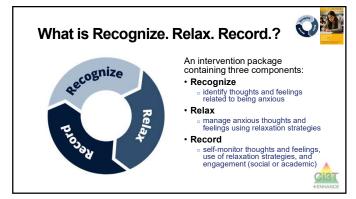








Recognize. Relax. Record.



What does the supporting research for Recognize. Relax. Record. say? Recognize. • Social-emotional competencies, such as self-awareness and selfmanagement, are related to important long-range outcomes high school graduation o college degree completion $_{\circ}$ obtaining employment Durlak et al., 2011

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What does the supporting research for Recognize. Relax. Record. say?



Relax.

• Relaxation training is commonly used in research-based cognitive behavioral interventions for children with anxiety













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What does the supporting research for Recognize. Relax. Record. say?



Record

- · Self-management interventions effective for
 - o behavioral and social outcomes
 - o reading, math, and other content areas at elementary

 Levendoski & Cartledge, 2000

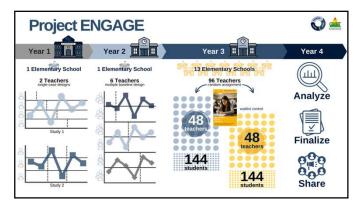
productivity, engagement, and academic performance at middle and high school Carr & Punzo, 1993

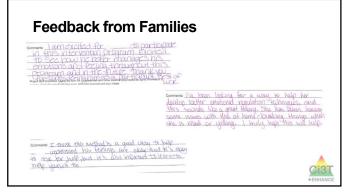
- students with emotional and behavioral disorders
- o students educated in general and special education classrooms

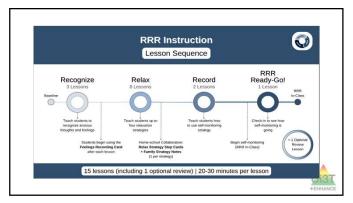
 A.M. Briesch & Briesch, 2016; Briesch & Chafouleas, 2009;

 Mooney et al., 2005









Baseline



- This is the time (approximately two weeks) **before** beginning RRR instruction
 - o Nothing else changes!
 - $_{\circ}$ This allows for a comparison pre- & post-intervention
- Direct Behavior Rating (DBR)
- Goal is to collect ~6-8 data points



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RRR Instruction



- Deliver small group RRR Lessons
 ~20-30 minutes per lesson
 Up to 15 lessons
- - o Teacher-led small group (3-5 students)
- Teachers continue to collect DBR



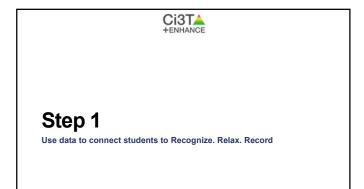
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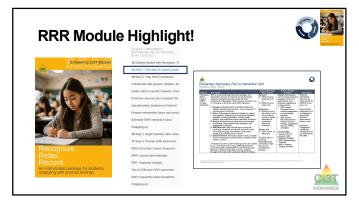
RRR In-Class

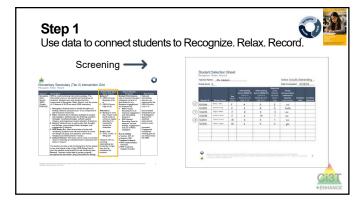


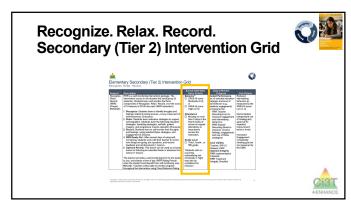
- · Continue to collect DBR data
- · Student Self-Monitoring
- Teachers facilitate self-monitoring

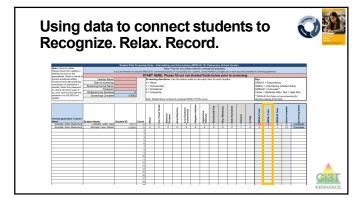




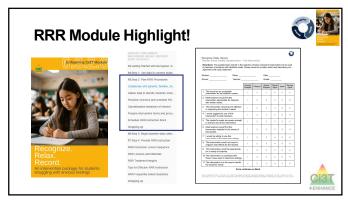


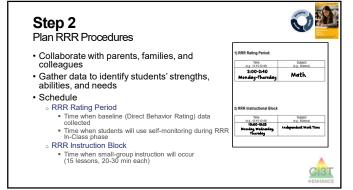


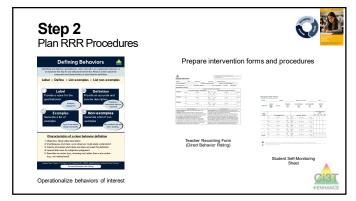


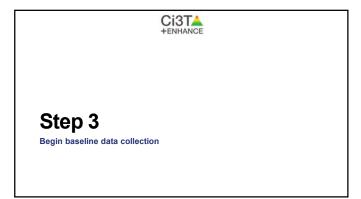


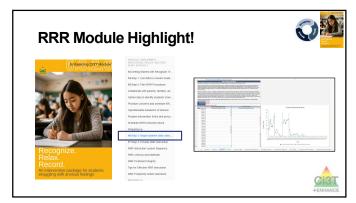


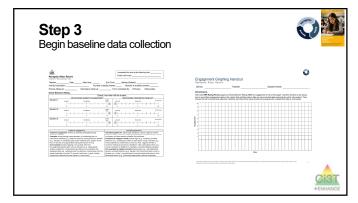














How is DBR used in this intervention?



- DBR data are collected during the RRR Rating Period a 40-minute instructional block during which students would most benefit from using their new strategies to increase engagement and regulate anxious feelings
 - Later in the intervention (during RRR In-Class), students will self-monitor their own behavior during this time
- Teachers will collect DBR data throughout all stages of intervention:
 - ∘ Baseline (~6-8 days)
 - o RRR Instruction
 - o RRR In-Class



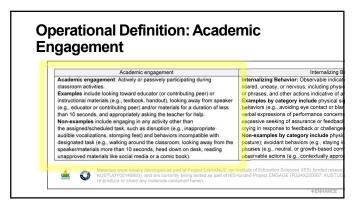
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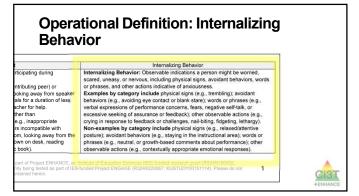
Teacher Recording Form

DBR data are collected using the Recognize.Relax.Record Teacher Recording Form to measure students

- o Academic engagement
- o Internalizing behavior









DBR Procedures: RRR Rating Period



- Plan to collect DBR data four times a week
 - o Generally, Monday through Thursday
- At the end of the RRR Rating Period, complete the Teacher Recording Form



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RRR Engagement Graphing Procedures



- Each student will have their own
- Later in the intervention (during RRR In-Class), students will also add their total engagement ratings to this graph!
- Once you have completed the Teacher Recording Form, graph each student's overall engagement score on their graph

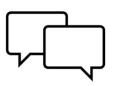


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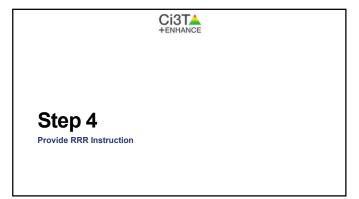
Talk Time

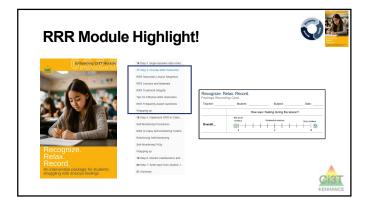


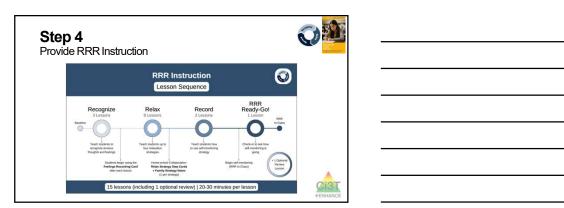
- What does internalizing behavior look like for your students?
- What time of day might work best for your RRR Rating Period?

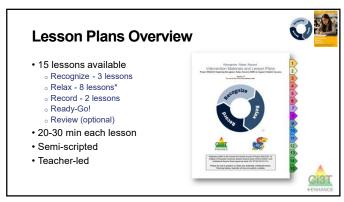






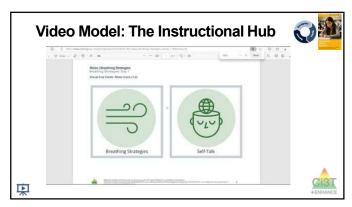


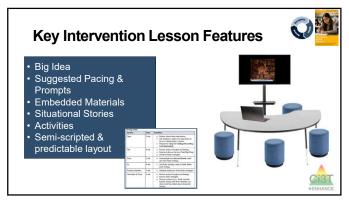














Recognize. Relax. Record. Intervention Component









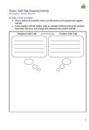
- Guided Imagery Progressive Muscle Relaxation
- For each strategy, students will:
 - ∘ Define
 - $_{\circ}$ Learn to use
 - Recognize situations for when to use
 - Demonstrate (and practice)



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Lesson Activities: Interactive Profession for the first fi







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Recognize. Relax. Record. Intervention Component

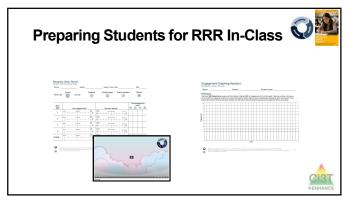


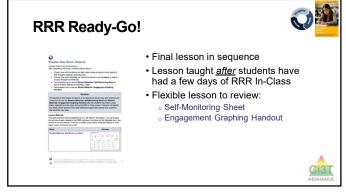


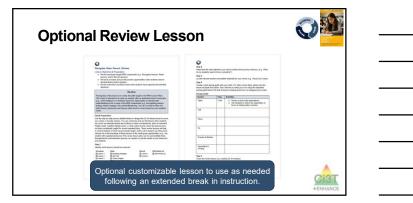
Students learn how to monitor their own feelings and behaviors

- Lesson 1: Learning to Self-Monitor (Record) our Behaviors
 Focus: Academic Engagement
- Lesson 2: Learning to Self-Monitor (Record) our Thoughts, Feelings, and Behaviors
 - Focus: Anxious thoughts and feelings
 - Focus: Use of relaxation strategies

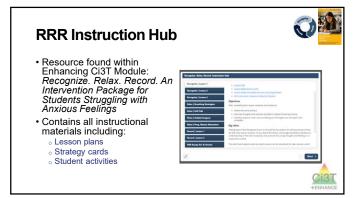


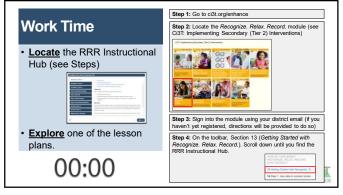


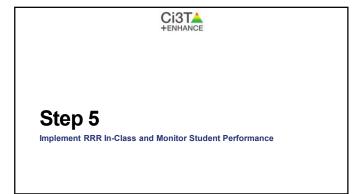


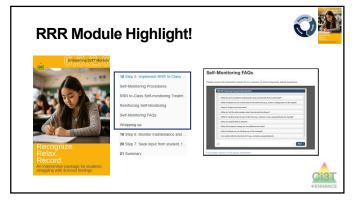


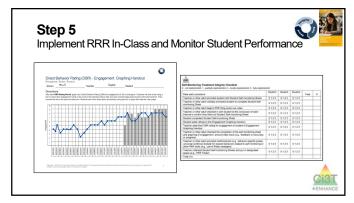












Self-Monitoring Treatment Integrity Checklist



- Self-Monitoring Treatment Integrity Checklist located on the back of the RRR Rating
- Completed daily at end of RRR In-Class Period
 - orate all procedures on a scale from 0 (not implemented) to 3 (fully implemented)
 oeach procedure is rated for each student

Fate each procedure	Student	Student	Student	Your	
Teacher or other adult provided student with Student Self-registering Sheet	0123	0123	0123		
Teacher or other adult verbelly prompted student to complete Student Self- monitoring Street	0123	0123	0123		
Teacher or other adult begins RRR-Ding audio que video	0123		0123		
Teacher or other adult checked in with student at the conclusion of each interval to confirm they filled out Student Seff-reprisoring Street	0123	0123	0123		
Student completed Student Self-monitoring Sheet	0123	0123	0123		
Student adds ratings to the lingagement Graphing Handout	0123	0123	0123		
Teacher adds their DBR reting for ongagement to student's Engagement Graphing Handout	0123	0123	0125		
Teacher or other adult checked the completion of the self-monitoring elsert and graphing of engagement, and provides input (e.g., feedback on accuracy or occurrent.)	0123	0123	0123		
Tractiler or other adult provided reinfercement (e.g., behavior-specific praise, anisonal selefocer (blood) for student behaviors related to self-monitoring or other SPR skills (e.g., use of Relate studengies).	0123	0123	0123		
Teacher collected Student Self-monitoring Sheets and put in designated space (e.g. RSR Folder)	0123	0128	0123		П
Total (%)					

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Video Model: RRR In-Class Procedures

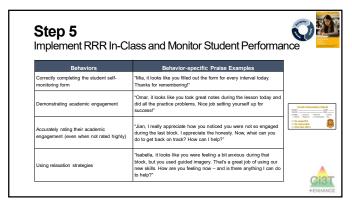




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Student Self-Monitoring Sheet 0



Student Check-In and Feedback: Tips 🕥 🏙 from Teachers



- Student skips an interval
- o "That was the third ding, fill out your ratings in this row"
- Student ratings are very different than teacher ratings
 - b "I see you rated yourself a 9 for engagement. I noticed you playing inside your desk and drawing in your math book so my rating for you would be a 5 or 6. Can you tell me about your rating?
- Nonverbal feedback (e.g., thumbs up, smile, nod)



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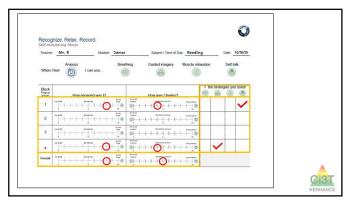
Student Check-in and Feedback Practice

We are going to review 3 example RRR Student Self-Monitoring Sheets to practice checking in with students and delivering feedback

- 1. View form (on slide)
- 2. Answer Poll
- 3. Whole Group Discussion

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James

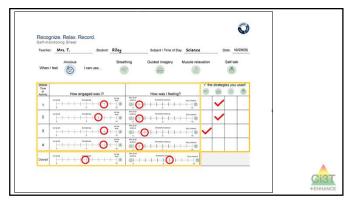
- I noticed...student did not score two intervals
- · Feedback:

"Oops! Looks like we missed a few. Remember- every time you hear the ding you will complete a row on the form. Is there anything that is making it tricky to complete?"





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Riley

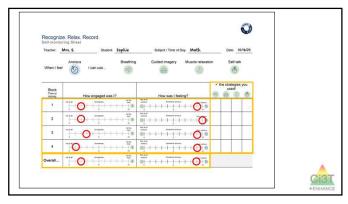
- I noticed... overall rating does not match interval ratings
- Feedback:

"Great job remembering to fill out the form for every interval! I noticed you rated anxious feelings as mostly 1s but then a 6 for overall score. Remember, your overall score represents how you did throughout the whole math lesson. If your interval ratings are 1s and 2s, your overall score would also be a 1 or 2"





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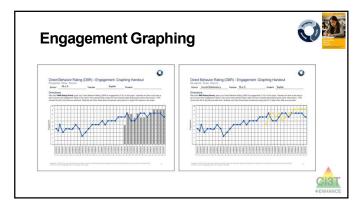
Sophie

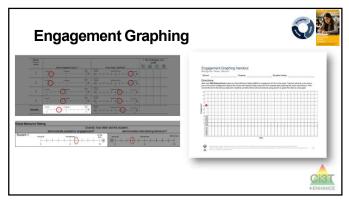
- I noticed... Sophie reports feeling anxious but does not indicate using any relaxation strategies.
- Feedback:

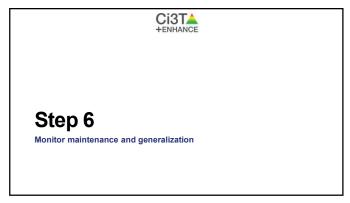
"It looks like you were feeling a bit anxious today. Remember, you can use your strategies! If you are feeling anxious during math tomorrow, what strategy do you want to try?"





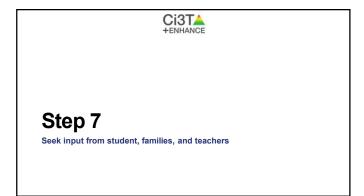


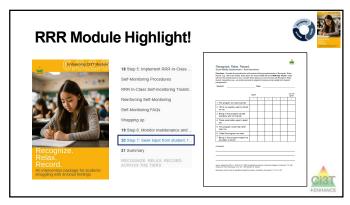


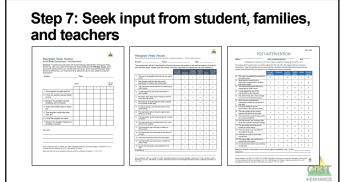












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Social Validity Interviews ...



- From Teachers ... Group 1
- "Literally saw a shift in body language after lessons."
- "I wish everyone put together lessons like you guys did. It was so well put together."
- "At first I thought it was going to be a lot of work, but it worked seamlessly into our routine."
- "Boys wanted to talk about their graphs and how they improved."
- "You came and changed my life."
- From Teachers ... Group 2
- "Instead of internalizing she was able to verbalize her feelings more and talk about things that have happened at home. She has gained confidence in expressing her feelings."
- "In this school we have a lot of trauma and students struggling. I think kids with anxiety are often overlooked-they have a need and now we have something to do for them for the first time."
- "I don't always feel like I know students well that don't have big behaviors. It was good for me to get to know them a little better."
- "This program had done wonders for this student in a short amount of time."



Social Validity Interviews ...



- From Students
- "I got really mad at home and did some breathing."
- "It definitely made me improve on a bunch of stuff. Helped with my self-control."
- "Helped when I couldn't sleep at night."
- "When I am frustrated, it helps me remember to take a breath."
- "This would help my friends in math say, "I can do this"."
- "When my brother makes me mad, I take deep breaths and visualize being somewhere calm."



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Wrapping Up and Moving Forward

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Action Items

Action Item	Person(s) Responsible	Planned Completion Date	Date Completed
Review winter screening data to see if any students might benefit from RRR	Amy	03/30/26	
Reach out to families to discuss the possibility of RRR for spring	Amy	04/01/26	



