Building & Sustaining Behavioral MTSS frameworks:

Using FastBridge social emotional screening and progress monitoring tools

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UNIVERSITY OF MISSOURI



Webinar Presenters



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Agenda

- 1. Social-Emotional & Behavioral (SEB) Competence: Why is it important?
- 2. Connecting SEB Assessment to Intervention
- **3**. Screening:
 - SAEBRS
 - mySAEBRS
- 4. Using Screening Data to Guide Interventions
- 5. Progress Monitoring
 - Direct Behavior Ratings



Social-Emotional & Behavioral (SEB) Competence

WHY IS IT IMPORTANT?

Social-Emotional & Behavioral Competence

Academic success ≠ School success (Taylor & Kilgus, 2014)

SEB Competence (Denham, 2006; Kwon et al., 2012)

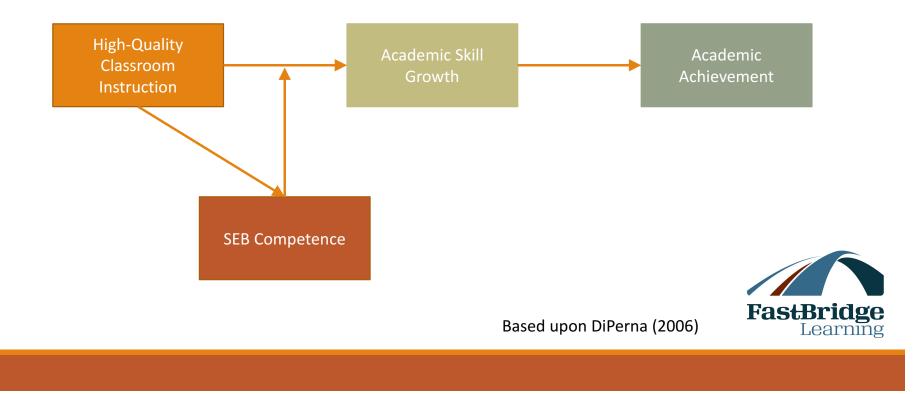
- Display of appropriate behaviors and skills (e.g., interpersonal skills, study skills, self-regulation, selfawareness)
- Limited display of **inappropriate behaviors and skills** (e.g., internalizing, externalizing)

SEB Competence = protective factor

 Among ethnic minority students living in low-income, urban communities (Elias & Haynes, 2008)



SEB Competence as a Mediator



SEB Assessment

Primary goals?

- Early identification of at-risk students
- Timely delivery of effective interventions

Unfortunately, common options are lacking

- Early identification = Office discipline referrals
- Progress monitoring = **Daily progress reports**

Office discipline referrals

- Identify only 20% of those at-risk (Miller et al., 2015)
- Not sensitive to a wide range of concerns (e.g., internalizing; Nelson et al., 2001)

Daily progress reports

• Absence of psychometric data to date

*We need alternative methods for early identification and progress monitoring



Connecting SEB Assessment to Intervention

FASTBRIDGE SEB ASSESSMENT



FastBridge SEB Assessment



Universal Screening

Why?

• Identify students at risk for SEB difficulty

Who?

- Evaluate ALL students in the school using either SAEBRS or mySAEBRS
- Use of nomination or referral prior to the SAEBRS is untested and therefore unsupported

When?

- 1-3 times per year (Fall, Winter, and Spring)
- 4-6 weeks into the yeazr

Where?

	Elementary	Middle/High
Teacher (SAEBRS)	Primary	Secondary
Student (mySAEBRS)	Secondary	Primary



Universal Screening

Progress Monitoring

Who?

Students found to be at risk (per universal screening)

Why?

• Evaluate student response to intervention

When?

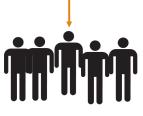
- Prior to and during intervention
- At least once per week, preferably multiple times per week

Where?

• In problematic times and settings

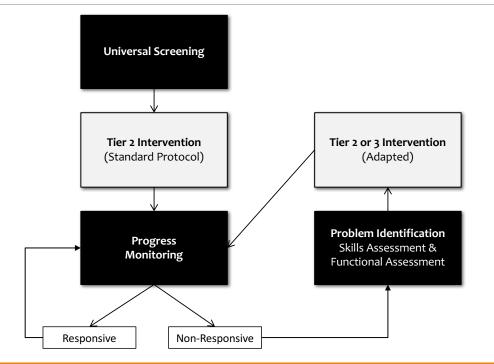






Progress Monitoring

SEB Assessment: Procedural Framework

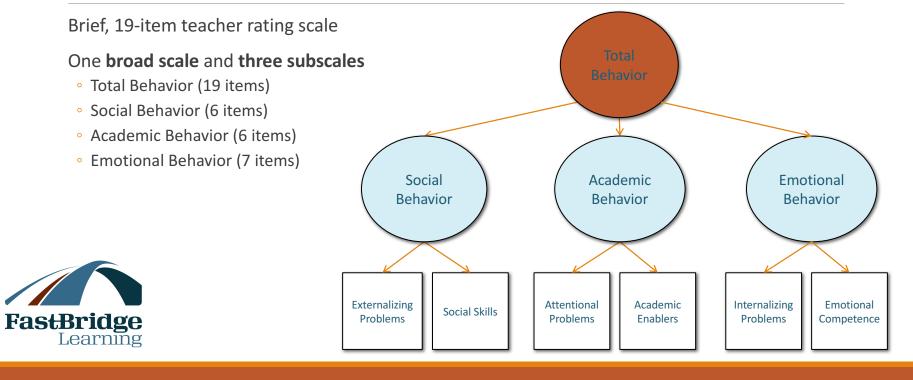


Kilgus, Eklund, & von der Embse, in preparation Kuchle, Edmonds, Danielson, Peterson, & Riley-Tillman, 2015

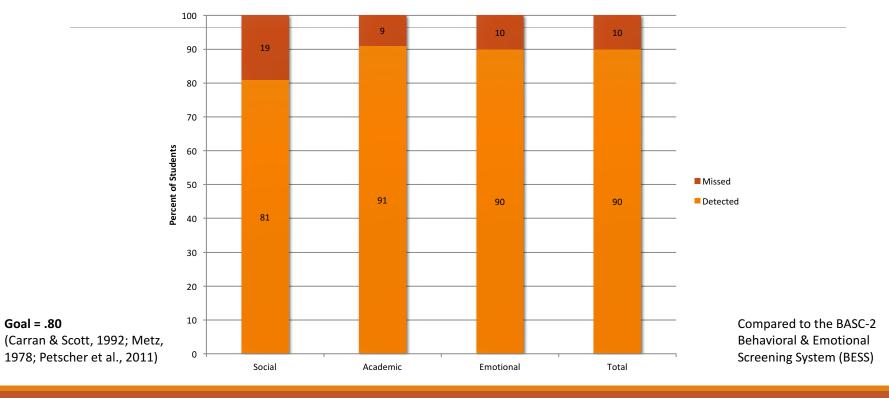
Universal Screening

SOCIAL, ACADEMIC, AND EMOTIONAL BEHAVIOR RISK SCREENER (SAEBRS)

SAEBRS Kilgus, Chafouleas, Riley-Tillman, & von der Embse, 2014

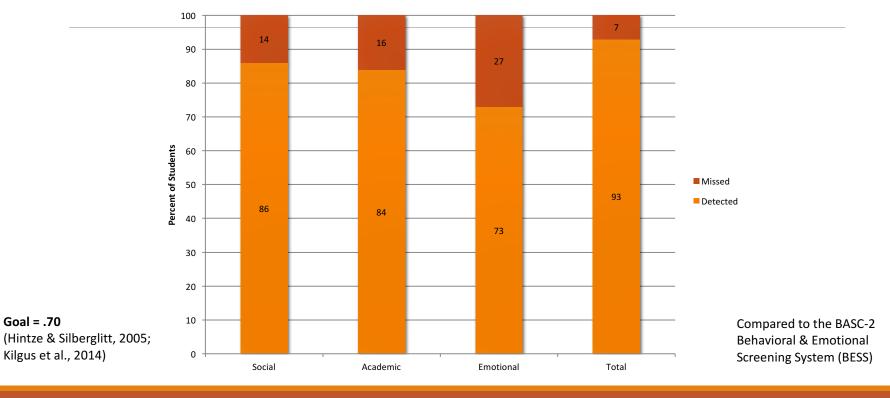


At-Risk Students (Sensitivity)



Kilgus, Eklund, von der Embse, Taylor, & Sims, 2016

Not At-Risk Students (Specificity)



Kilgus, Eklund, von der Embse, Taylor, & Sims, 2016

• • • Ø fast	*	Steph
fast	://app.fastoridge.org/group/view/screeninglist/screeningList.do?grpid=2674377&grpi	
Lisa Liguori's list	S239 04-SAEBRSStudent-2015	Delete a score
fast tools	Student Name	Fall Winter Spring
Class lists	Amos, Aramis	Ø 3 0
aReading	 Bergeron, Hannah 	Ø 48
AUTOreading	 Bowden, Lexi 	Ø 51
CBM reading	 Bower, David 	Ø 35
aMath	Brewster, Johnathan	Ø 42
# CBMmath Aut	Garland, Brooke	0
# CBMmath Pro	 Hollingsworth, Malachey 	0
REACT	 Jeffries, Michael 	0
SAEBRS	Latham, Grace	0
s mySAEBRS	Lovell, Chloe	0
Progress monitoring 🛛 🔻	Piper, Mischa	0
Create PM Group	Pritchard, Christopher	0
Behavior PM	Quick, Josephiene	0
Switch view to 🛛 🔻	Roe, David	0
Specialist	Schmitt, Aidan	0
Teacher Visual conventions	□ Sheffield, Olivia	0
Visual conventions	Stroud, Joseph	0
Legends	Teague, Marisa	0
	Weston, Chelsea	0

	Behavior	Never	Sometime	es Often	Almost
					Always
Soci	ial Behavior		~	-	-
1.	Arguing	0	٢	0	0
2.	Cooperation with peers	۲	۲	۲	۲
3.	Temper outbursts	0	٥	۲	۲
4.	Disruptive behavior	0	0	۲	۲
5.	Polite and socially appropriate responses	0	0	0	0
	toward others				
6.	Impulsiveness	۲	0		0
Acad	demic Behavior				
7.	Interest in academic topics	۲	۲	۲	0
8.	Preparedness for instruction	0	0		0
9.	Production of acceptable work	0	٢	۲	۲
10.	Difficulty working independently	۲	۲	۲	۲
11.	Distractedness	0	0	۲	0
12.	Academic engagement	0	0	0	0
Emo	otional Behavior				
13.	Sadness	۲	۲	۲	۲
14.	Fearfulness	0	۲	0	0
15.	Adaptable to change	۲	٢	۲	
16.	Positive attitude	۲	۲	۲	٢
17.	Worry	۲	٢	۲	0
18.	Difficulty rebounding from setbacks	۲	۲	۲	۲
19.	Withdrawal	۲	۲	۲	۲
Fotal	Items Total Score Social Score	Acade	mic Score	Emotiona	Score
0	0 0	0		0	

mySAEBRS

Brief, 20-item student self-report rating scale

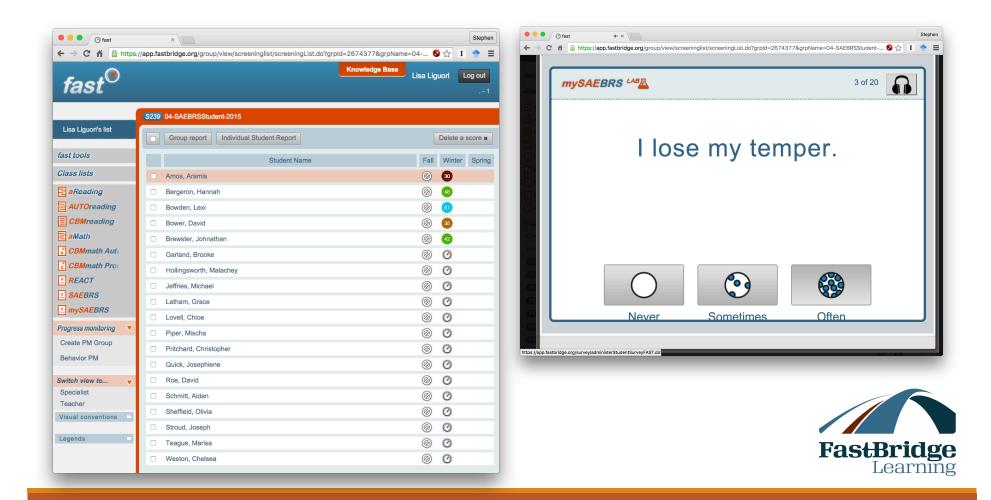
One broad scale and three subscales

- Total Behavior (20 items)
- Social Behavior (7 items)
- Academic Behavior (6 items)
- Emotional Behavior (7 items)

Items directly aligned with SAEBRS



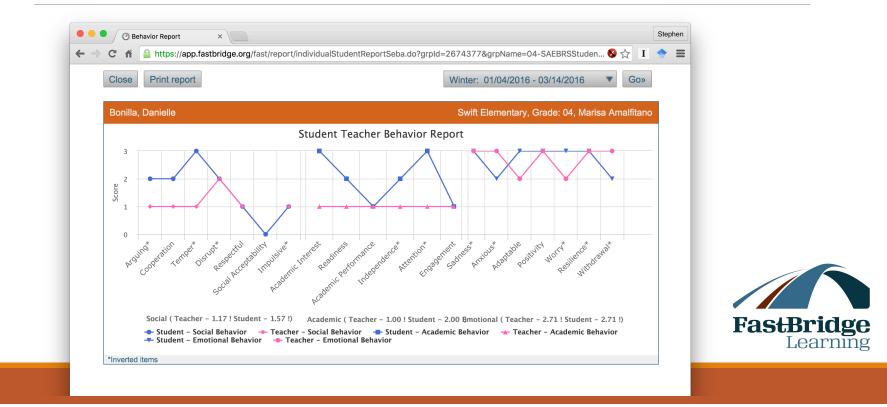
SAEBRS Social	mySAEBRS Social
Arguing	I argue with others.
Cooperating with peers	I get along with others.
Temper outbursts	I lose my temper.
Disruptive behavior	l disrupt class.
Polite and socially appropriate responses toward others	I am respectful.
Impulsiveness	I have trouble waiting my turn.
	Other people like me.



https://app.fastbridg Interval: Group Name: 04-S/	Winter: 0				All Subtests	377&grpN \$		EBR 🧕 🖌	∑ I	•
		1/04/2016 - ()3/14/2016	SubTest	All Subtests	\$	Go »			
Group Name: 04-SA										
Teacher: Lisa Liguori					istrict Schoo	l year: 2015	5-16			
	Beh	avior	Social F	Behavior	Academic	Behavior	Emotional E	Rehavior		
Student name	Student	Teacher	Student	Teacher	Student	Teacher		Teacher		
Amos Aramis	30 !	25 !	11 !	B !	7	8 !	12	9 !		
Bergeron Hannah	48	44	17	15	16	13	15	16		
Bowden Lexi	51	53	17	16	17	16	17	21		
 Bower David	35 !	35 !	14	9!	10 !	9!	11 !			
Brewster Johnathan	42	40	16	14	12	10	14	16 !		
Garland Brooke	•	-		-	-					
Hollingsworth Malachey										
Jeffries Michael										
Latham Grace										
Lovell Chloe										
Piper Mischa										
Pritchard Christopher										
Quick Josephiene										
Roe David										
Schmitt Aidan										
Sheffield Olivia										
Stroud Joseph										
Teague Marisa										
Weston Chelsea										



SAEBRS Individual Report



SAEBRS/mySAEBRS Interpretation & Use

Start with Total Behavior

• Yields most valid, reliable, and accurate scores

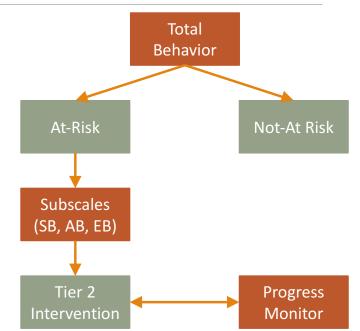
If at-risk on Total Behavior, examine **subscale scores**

- Determine nature of risk
- Valuable in planning interventions

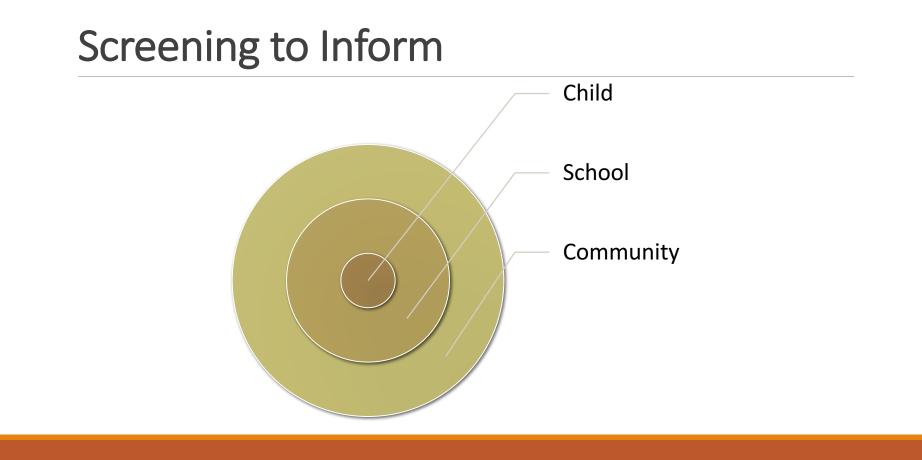
At-risk students should be ...

- Considered for Tier 2 intervention
- Progress monitored





Using Screening Data to Guide Interventions

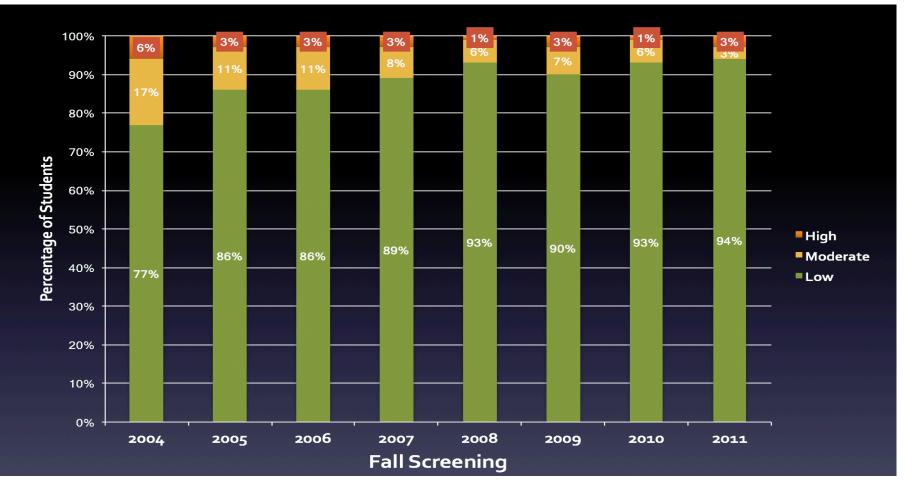


Ask yourself.... How do we get to tier two efforts?

Is tier 2 intended as prevention?

Or...

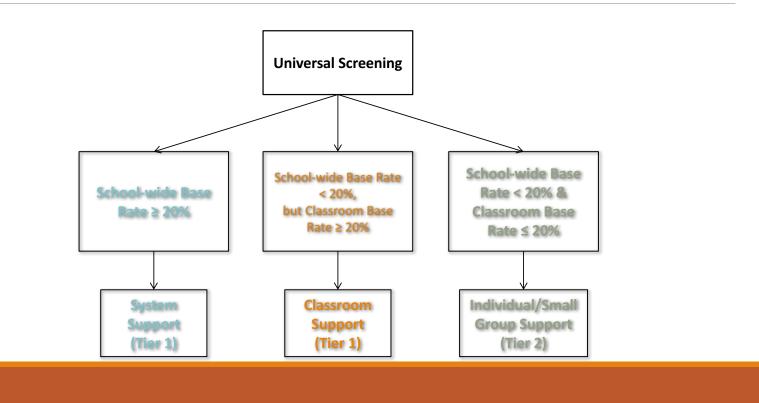
Is tier 2 another name for pre-referral documentation?



Lane, K. L., Oakes, W. P., & Magill, L. (2014). Primary Prevention Efforts: How Do We Implement and Monitor the Tier 1 Components. Preventing School Failure:, 58(3), 143-158.

Determine the level at which to implement intervention

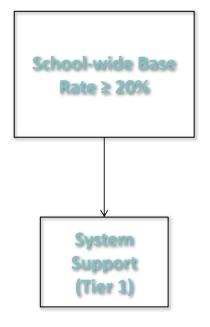
(SEBA Model; Kilgus & Eklund, 2015)



System Support (Tier 1)

Start with universal strategies

- SAEBRS Example: Determine type of risk most prevalent
- Social Behavior: Review and revision of schoolwide expectations Or reinforcement plan (ensure integrity)
- Emotional Behavior: Consider implementation of social emotional learning curriculum



Evidence-based Social Emotional Learning Programs

Potential EB Programs

- •Promoting Alternative Thinking Strategies (PATHS)
- •Second Step
- •Why Try?
- Incredible Years

Finding EB Programs

CASEL: Safe and Sound Programs www.casel.org

SAMHSA: National Registry of evidence-based programs/practices <u>nrepp.samhsa.gov</u>

IES What Works Clearinghouse ies.ed.gov/ncee/wwc AND www.ed.gov

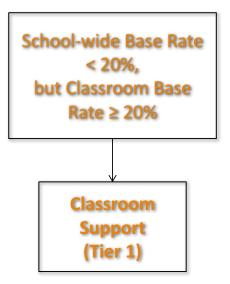
Evidence-based Intervention Network ebi.missouri.edu

Classroom base rate >20%

Teacher Last Name	Teacher First Name	Grade	# of students screened	# of students at-risk	Percent At- Risk
Shaffer	Sarah	5	25	14	56%
Triggs	Taylor	4	26	13	50%
Ells	Erica	2	26	7	27%
Memphis	Marsha	1	28	7	25%
Barrett	Bob	2	25	5	20%
Cassidy	Cara	4	21	4	19%
Ulrich	Uma	4	28	5	18%

Classroom Support (Tier 1)

- Determine the type of risk most prevalent within the classroom
 - Social Behavior
 - Classroom Checkup (Reinke, Herman, & Sprick, 2011)
 - Good Behavior Game
 - Academic Behavior:
 - Classroom instruction of various academic enablers (e.g., organization, preparedness for instruction)
 - Promote instructional practices (e.g., opportunities to learn, pace of instruction)



Classroom Support Examples

- Classroom Check-up (Reinke, Herman, & Sprick, 2011)
- Good Behavior Game in "School Discipline and Self-Discipline: A Practical Guide to Promoting Prosocial Student Behavior" (Bear, 2010)
- Classroom Management Self-Assessment example (Simonsen, Fairbanks, Briesch, & Sugai, 2006)
- Promoting Positive & Effective Learning Environments:
- Classroom Checklist (Lewis, 2007)

	Classroom Management Practice	Rat	ing
1.	I have arranged my classroom to minimize crowding and distraction	Yes	No
2.	I have maximized structure and predictability in my classroom (e.g., explicit classroom routines, specific directions, etc.).	Yes	No
3.	I have posted, taught, reviewed, and reinforced 3-5 positively stated expectations (or rules).	Yes	No
4.	I provided more frequent acknowledgement for appropriate behaviors than inappropriate behaviors (See top of page).	Yes	No
5.	I provided each student with multiple opportunities to respond and participate during instruction.	Yes	No

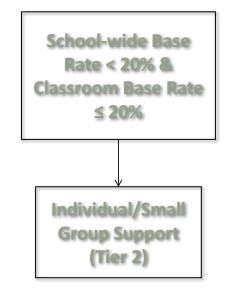
6.	My instruction actively engaged students in observable ways (e.g., writing, verbalizing)	Yes	No
7.	I actively supervised my classroom (e.g., moving, scanning) during instruction.	Yes	No
8.	I ignored or provided quick, direct, explicit reprimands/redirections in response to inappropriate behavior.	Yes	No
9.	I have multiple strategies/systems in place to acknowledge appropriate behavior (e.g., class point systems, praise, etc.).	Yes	No
10.	In general, I have provided specific feedback in response to social and academic behavior errors and correct responses.	Yes	No
Overa	all classroom management score:		
	10-8 "yes" = " Super "		
	7-5 "yes" = " So-So "	# Yes	
	<5 "yes" = "Improvement Needed"		

Classroom base rate <20%

Teacher Last Name	Teacher First Name	Grade	# of students screened	# of students at-risk	Percent At- Risk
Franks	Fred	2	29	5	17%
Garrett	Greg	1	21	3	14%
Hollister	Heather	3	26	3	12%
Innings	Irma	5	23	2	9%
Vargas	Victor	3	24	2	8%
Williams	Wanda	4	27	2	7%
Norton	Nick	2	21	1	5%
Jenkins	Jennifer	К	22	1	5%
Kasper	Kelly	1	24	1	4%

Individual or Group Level Support (Tier 2)

- 1. Consider school-based resources
 - School-based mental health support
 - Community schools or SBMHC
- 2. Consider community resources
 - Referral procedures
 - How to share information back and forth
 - Resource mapping to determine gaps



Example: Individual Support (Tier 2)

Interventions:

Teaching Strategies

- Instruction of key skills
 - Social skills, academic enablers, emotional competencies

Antecedent/Consequence Strategies

- Check In/Check Out (CICO) to prompt and reinforce appropriate behaviors
 - Research supporting use with social, academic, or emotional behavior



Progress Monitoring

FASTBRIDGE DIRECT BEHAVIOR RATING (DBR)



FastBridge Direct Behavior Rating (DBR)

Highly efficient classroom teacher rating tool

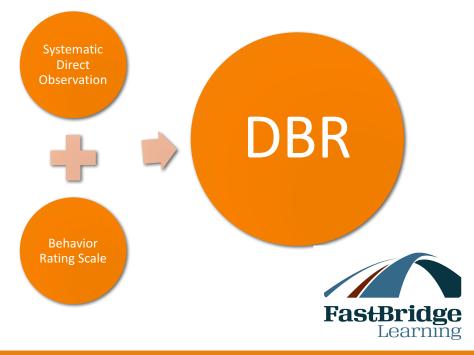
Hybrid behavior assessment tool

National Center for Intensive Intervention

Convincing evidence for use in monitoring
 Disruptive Behavior and Academic Engagement

Aligned with the **SAEBRS**

- Social Behavior
- Academic Behavior
- Emotional Behavior



To Use a DBR

1. Identify the student(s) of interest

2. Select behavior(s) of interest

- Relevant domains
- Default behaviors (GOMs)
- Additional behaviors of concern

3. Identify rating period (times & settings)

- Large group math instruction
- 10:00-10:45am
- Monday, Wednesday, and Friday

- 4. Teacher observes student behavior
 - Occasionally checks on student behavior (e.g., every 30-60 seconds)
 - Teacher does not do anything else during this time

5. Teacher rates student behavior

• Frequency (0-10) & Intensity (0-6)

6. Collect multiple data points

• 5-10 within each phase (e.g., baseline and intervention)

7. Interpret data

• Multi-item and single-item scales



Select student(s) to progress monitor



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fast tools	Selected	Students	6								
Class lists											
aReading	Clear All										
AUTOreading	Show 10 ᅌ er	ntries									
CBM reading	Student		Teacher				CBMMATH	СВММАТН	CBMR-		BMR-
aMath	Name	School	Name	Grade	aMath	aReading	Automaticity	Process	English		anisł
# CBMmath Aut							-				
# CBMmath Pro	Garland, Brooke	Swift Elementary	Liguori, Lisa	FOUR							
<u> REACT</u>	Showing 1 to 1 c										
ి SAEBRS	chowing r to r c										
s mySAEBRS	Available	Student	6								
Progress monitoring	Available	Student	3								
Create PM Group	Select all Vie	ew Options S	earch:		?						
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Visual conventions		Swift	Liguori,		•						
	Amos, Aramis	Elementary	Lisa	FOUR	194 !!	498 !					
Legends	Bergeron, Hannah	Swift Elementary	Liguori, Lisa	FOUR	197 !!	478 !!					
	Bowden, Lexi	Swift Elementary	Liguori, Lisa	FOUR	224		160				
	Bower, David	Swift Elementary	Liguori, Lisa	FOUR	231						
	Brewster,	Swift	Liguori,	FOUR	191 !!						

Select behavior(s) to progress monitor



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	Setup Behavior PM Group				
isa Liguori's list	(*) Required				
st tools	Starting Week *	01/31/2016			
ass lists	Assessment Type *	• SAEBRS			
aReading	Behaviors * 😲	Social 2/3	Academic 1/3	Emotional 0/3	
		Appropriate interactions with others	Academic engagement	Adaptable to change	
AUTOreading		Arguing	Cheating	Complains of aches or pains	
CBM reading		Disruptive behavior Internation Disruptive behavior	Difficulty working independently	Crying	
aMath		Impulsiveness	Distractedness	Difficulty rebounding from setbacks	
CBMmath Auto		Lying	Interest in academic topics	Fatigue	
		Noncompliance	Organization	Fearfulness Image: Fearfulness	
CBMmath Proc		Physical ggression toward others	Persistence in academic tasks	Happiness	
REACT		Property destriction	Production of acceptable work	Restlessness	
SAEBRS		Respect	Timely completion of work	Sadness	
		 Respect for personal boundaries 	 Unresponsiveness to corrective fee 	edba_kWithdrawal	
mySAEBRS		 Stealing 	Use of appropriate study skills		
gress monitoring 🛛 🔻		Temper outbursts			
reate PM Group		Verbal aggression toward others			
ehavior PM	Group Name *	P93 Brooke Garland Behavior PM			
ritch view to 🔻	Number of occasions	• Every week	very 2 weeks O Every 3	3 weeks O Every 4 weeks	

Select rating period(s) of
interest

Also, select starting week, start point, and goal



И	Group Name *	P93 Brooke Garland Behav	vior PM			
v to 🔻		 Every week 	O Every 2 weeks	O Every 3 weeks	0	Every 4 weeks
ventions	Rating periods 🤨					
-	Period	🔶 Mon 🔶	Tue 👙	Wed \Leftrightarrow	Thu	÷ Fri
	Morning	Select time	Select time	Select time	Select time	Select time
	Afternoon	Select time	Select time	Select time	Select time	Select time
	Full Day	Select time	Select time	Select time	Select time	Select time
	Art	Select time	Select time	Select time	Select time	Select time
	Gym	Select time	Select time	Select time	Select time	Select time
	Language Arts	9:00am to 9:45am	Select time	9:00am to 9:45am	Select time	9:00am to 9:45am
	Math	1:00pm to 1:35pm	Select time	1:00pm to 1:35pm	Select time	1:00pm to 1:35pm
	Music	Select time	Select time	Select time	Select time	Select time
	Science	Select time	Select time	Select time	Select time	Select time
	Social Studies	Select time	Select time	Select time	Select time	Select time
	Period	Mon	Tue	Wed	Thu	Fri
	Behaviors Setup					
	Behavior	Screening	▼ Starting Week	♦ Start 🍳 ♦	Goal 🍳 🕴	Benchmark
	Academic engagement (remov	re) 1 🛍	01/31/2016	5	10	0
	Temper outbursts (remove)	1 🛍	01/31/2016	4	0	0
	Disruptive behavior (remove)	0 🛍	01/31/2016	5	<u>0</u>	0
	Behavior	Screening	Starting Week	Start	Goal	Benchmark

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Select student(s) to progress monitor and the rating you wish to complete

You will have already observed the student's behavior at this point

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fast [©]					Knowledge	Lisa Liguori	Log out
1451							1
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Lisa Liguori's list	Students due thi	s week					
fast tools	Show 10 ᅌ entries					Search:	
Class lists							
aReading	Name 🔺	Assessment	t Week 🌐 Items	Occasions	Created By	School 🔶	
AUTOreading	Aramis Amos S	AEBRSdbr 01/03/2	2016 9	5 Days Every Week	Lisa Liguori	Swift Elementary	🧷 📲
CBMreading aMath	Brooke Garland S	AEBRSdbr 01/31/2	2016 3	3 Days Every Week	Lisa Liguori	Swift Elementary	🥒 -ii
# CBMmath Aut	Rating Period	Ţ	Mon	Tue	Wed	Thu	Fri
^P # CBMmath Proc	Language Arts		0	0	0	0	0
REACT	Math		0	0	0	0	0
SAEBRS	Rating Period		Mon	Tue	Wed	Thu	Fri
s mySAEBRS Progress monitoring	Name	Assessment Star	t Week Items	Occasions	Created By	School	
Create PM Group	Showing 1 to 2 of 2 entries					Previous	1 Next
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Specialist							
Teacher Visual conventions	Name Asse	ssment Start Week	♦ Due ♦ Ite	ms Occasions	Created By	🗧 School 🔶	
Legends	Aramis Amos SAEBR	Sdbr 01/03/2016	Next week 9	5 Days Every We	ek Lisa Liguori	Swift Elementary	🧷 -1İ
0	Brooke Garland SAEBR	Sdbr 01/31/2016	Next week 3	3 Days Every We	ek Lisa Liguori	Swift Elementary	🥒 al
	Name Asse	ssment Start Week	Due Ite	ms Occasions	Created By	School	

O SAEBRSdbr Test Administri ×	dbr/administerDBRFAST.do?grpSchld=559914	12&spld=39617&grpld=269	2260&mode=1&amid=182&spfn=Brooke%2 😵	Step
	R Name: Brooke Brooke			
« Cancel Clear All Hide Direction	Submit test »			
	Directions		Notes	
Please rate how frequently the student of	lisplayed each of the following behaviors during e	each rating period. Where	Add note	
appropriate, please also rate the intensit	y of the behavior observed.		Update interventions / supports	
LANGUA	GE_ARTS - 09:00am to 09:45am on Mon	I		
Behavior	Frequency	Intensity		
Academic	•			
Academic engagement	0 1 2 3 4 5 6 7 8 9 10	N/A		
Social	Never Sometimes Always			
Disruptive behavior No Opportunity	0 1 2 3 4 5 6 7 8 9 10 Never Sometimes Always	D 1 2 3 4 5		
Temper outbursts No Opportunity	0 1 2 3 4 5 6 7 8 9 10 Never Sometimes Always	0 1 2 3 4 5		
	Hidden Items			
Behavior				
« Cancel Clear All Submit test :	»			
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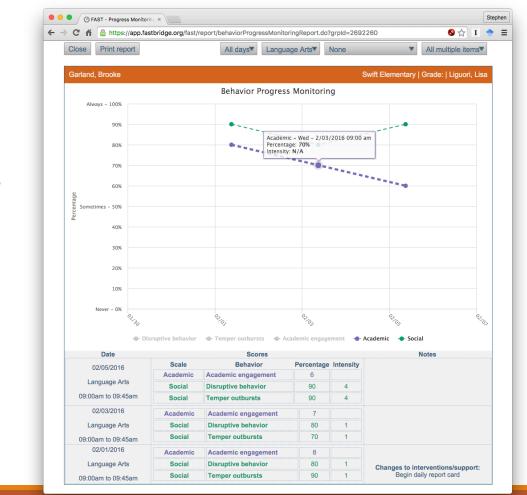
Rate the students behavior with regard to both frequency and intensity (where appropriate)



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SAEBRS SAEBRS DBR	Name: Brooke Brooke			
« Cancel Clear All Hide Direction:	Submit test »			
	Directions			
Please rate how frequently the student dis	ayed each of the following behaviors during each rating period. Where Add note			
appropriate, please also rate the intensity	the beha Changes to the student's interventions/supports?			
	Please describe any changes to the student's prventions / ports			
LANGUAG	ARTS Begin daily report card			
Behavior				
Academic				
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	Save Cancel			
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Behavior				
« Cancel Clear All Submit test »				
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Record relevant notes, as well as changes in interventions (start, end, or modify)

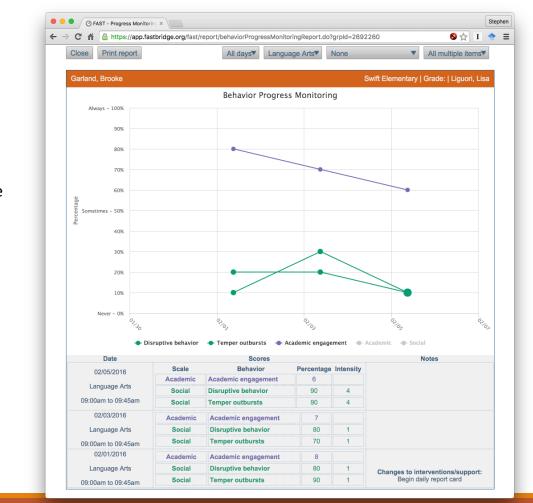




Graph the data you have collected for a student

DBR Multi-item scales





Graph the data you have collected for a student

DBR Single-item scales



Questions?

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