Behavioral Function *It's not just for Tier 3*

Association for Positive Behavior Support Conference

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Behavioral Function

- We will be referring to behavioral function in three ways:
 - Function of behavior
 - Function-based thinking
 - Functional skills



Function of Behavior

"Why" the student is engaging in the behavior

• The reinforcement that follows behavior

Positive reinforcement

• E.g., access preferred items, activities, people

Negative reinforcement

• E.g., escape or avoid tasks, activities, social interaction

Need the student is communicating

• Valid for the student

All behavior is lawful

• Both "appropriate" and "inappropriate" (or interfering) behavior

Function-based Thinking

Considering function when designing behavior support

• Regardless of tier

Could include functional behavior assessment (FBA)

But not always

Functional Skills

Skills that relate to primary functions

Big Four (Ala'i-Rosales et al., 2019)

• From years of research on FBA

Rather than wait for interfering behavior to develop, teach skills to prevent!

Skills we need to successfully navigate life!

Goals of PBS (Carr et al., 2002; Risley, 1996)

- Increase quality of life (QOL) by teaching skills
- Decrease in behavior that interferes with learning/QOL

We should consider function across all tiers of support.

Because...

- Behavior that interferes with leaning occurs across all tiers
 - Although not as severe and chronic at T1 and T2
- Function-matched support can increase effectiveness of T1 and T2
 - Enable students receiving T3 support to be more successful in those environments
- All students need to learn functional skills
 - Learning these skills can prevent interfering behavior from developing



Behavioral Function at Tier 3

Functional Behavioral Assessment (FBA)

- For students with persistent challenging behavior that has not been (or cannot be) sufficiently addressed by Tier 2 support we use FBA to create individualized behavior support plans.
- We gather A-B-C information from:
 - The student and those who know them best (e.g., teachers, family members)
 - Direct observations of behavior in context
- We use FBA data to identify:
 - The function the challenging behavior serves for the student
 - The conditions under which challenging behavior does not occur
 - Functional reinforcers for desired behavior

Behavior Support Planning

• The result of FBA should be an Individualized behavior support plan with strategies designed to:

PREVENT

- Eliminate or neutralize setting events
- Eliminate or modify antecedent triggers
- Prompts for desired behavior

TEACH

- Functional replacement behavior
- New skills needed to access natural reinforcers

REINFORCE

- Dense schedule of reinforcement for use of replacement behavior and new skills
- Minimize reinforcement for challenging behavior

FBA in Schools: What the Research Tells Us

- For students who require Tier 3 support, function-based intervention is key to effectively decreasing intense and persistent challenging behavior (Cho & Blair, 2017)
- Function-based behavioral interventions have been shown to improve the
 effectiveness and efficiency of behavior support for students with and without
 disabilities who exhibit a wide range of challenging behaviors

(Blair, 1999; Carr et al., 1999; Borgmeier et al., 2019; Cho & Blair, 2017; Epstein et al., 2008; Ingram et al., 2005; Newcomer & Lewis, 2004; Strickland-Cohen et al., 2016)

 Growing body of research showing that Tier 3 can be effectively designed and implemented by school-based personnel to address non-dangerous behaviors

(Crone, Hawken, & Bergstrom, 2007; Dukes, Rosenberg, & Brady, 2007; Loman & Horner, 2014; Maag & Larson, 2004; Renshaw et al., 2008; Scott, Nelson, & Zabala, 2003; Strickland-Cohen & Horner, 2015)

Research-to-Practice Gap

- In typical practice we often employ our most effective tools only when behavior has become severe/dangerous
 - FBA/BSP used as a "last resort" and only for students with IEPs (Borgmeier et al., 2019)

• Students who engage in persistent, lower-intensity behavior are more likely to receive less effective punitive/exclusionary practices (e.g., reprimands, ODRs, suspensions; Mitchell & Bradshaw, 2013)

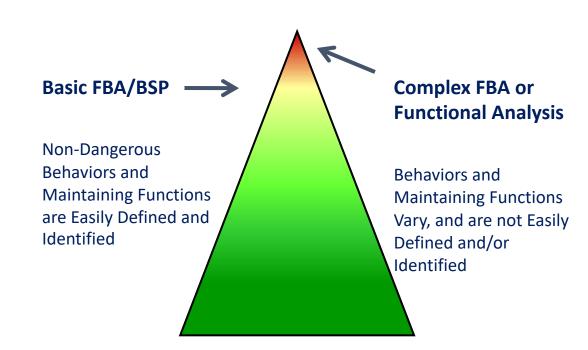
The Logic Behind Multi-Tiered Behavior Support

 SWPBIS creates a school climate that supports the appropriate academic and social behavior of ALL students with a focus on:

- PREVENTION
- EARLY INTERVENTION

Proactive Function-Based Support at Tier 3

- Many of problem behaviors that Tier 3 teams encounter do not require comprehensive FBA-BSP
- Using streamlined FBA-BSP procedures that "match" the level and intensity of problem behavior

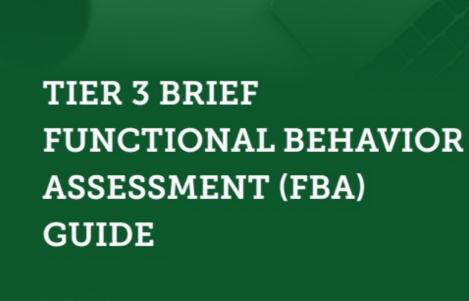


Find Out More

www.pbis.org

Lead Authors:

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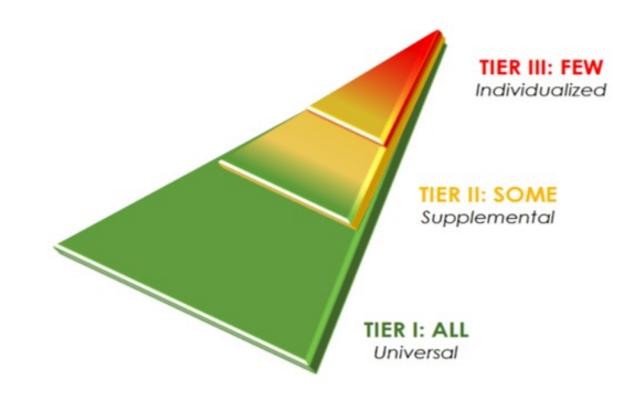


CENTER ON PBIS

January 2022

Building Seamless Continuums of Support

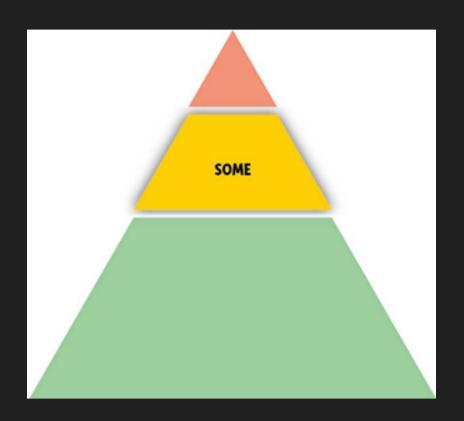
- All staff trained in FB thinking
- Advanced tiers explicitly linked to universal expectations, practices, and systems to support
 - Inclusion
 - Generalization
 - Fading



Function in Tier 2

Dylan Zimmerman

Purpose of Tier 2



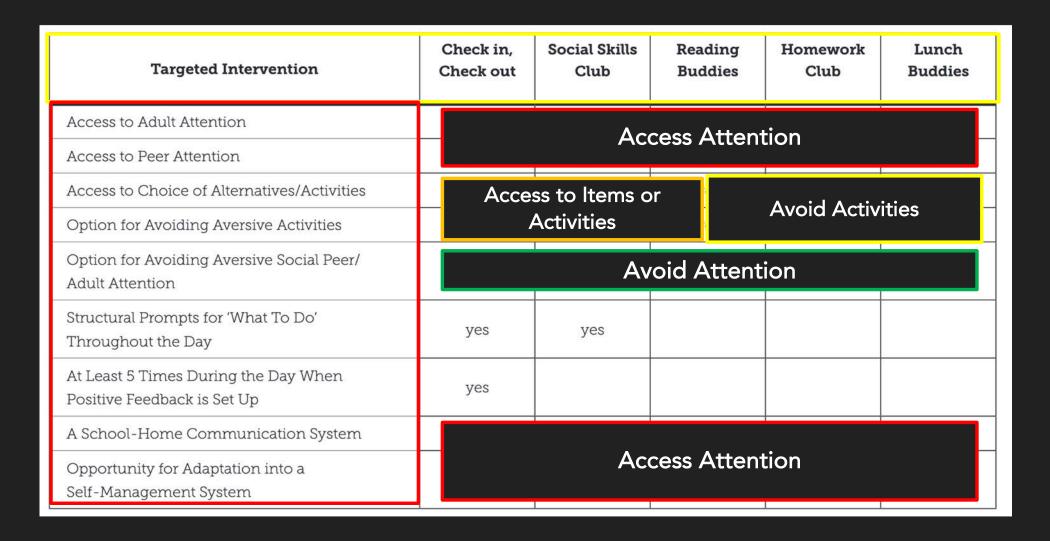
- Targeted interventions
- Continuously and quickly available
- Support students before Tier 3
 Prevent intensive Tier 3 when not necessary
- Function-based

Center on PBIS. (n.d.). What is tier 2 support? Retrieved March 12, 2023, from https://www.pbis.org/pbis/tier-2

Why use functional thinking at Tier 2

- Can improve effectiveness
 - Improve CICO when not effective (Campbell & Anderson, 2008; McIntosh et al., 2009)
- Student-centered
 - Behavior communicates a need
 - Not just behavior reduction (Carr et al., 2002; Risley, 1996)
- No reason not to! Efficient options available
 - Interview/survey tools
 - Brief observations
 - Hypothesis confirmed through data-based decision making

Function at Tier 2 – Typical Practice





A Systematic Review of Function-Modified Check-In/Check-Out

Journal of Positive Behavior Interventions 2019, Vol. 21(2) 77–92 © Hammill Institute on Disabilities 2018 Article reuse guidelines: sagepub.com/journals-permissions DOI: 10.1177/1098300718778032 jpbi.sagepub.com

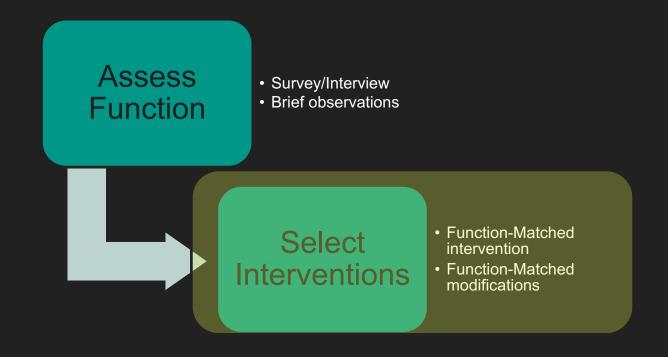
\$SAGE

David A. Klingbeil, PhD¹, Evan H. Dart, PhD², and Amber L. Schramm, MA¹

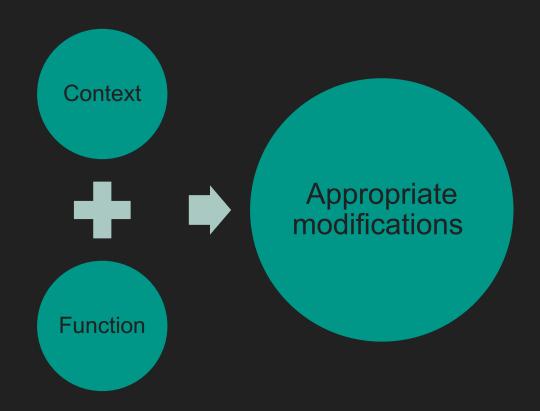
Abstract

Check-in/check-out (CICO) is widely used as a Tier 2 intervention within school-wide positive behavior interventions and supports. Evidence suggests that traditional CICO is primarily effective for students demonstrating problem behavior maintained by adult attention. A growing body of research has investigated function-modified CICO to address behaviors maintained by other consequences. The purpose of this review was to examine the evidence-base for function-modified versions of CICO to identify (a) the procedures used to assess students' behavior function and (b) the types of modifications and additions to CICO that have been empirically evaluated. We systematically reviewed 11 studies that examined the effects of function-based CICO. Researchers determined behavior function using a combination of direct observations and indirect assessments. These methods were more involved than a brief behavior screening. The modifications and additions to traditional CICO included changes that were functionally relevant and functionally independent. Based on the results of this review, more research is needed before function-based CICO can be considered an evidence-based practice. Moreover, the extent to which educators can implement function-based CICO without researcher support is also unknown. The implications of this review are discussed in terms of future research and practice.

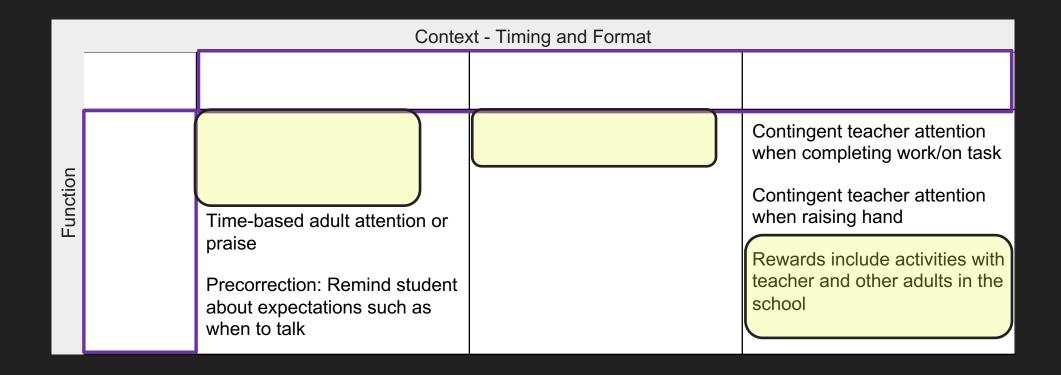
Assessing and Designing T2 Interventions



Selecting Intervention Modifications

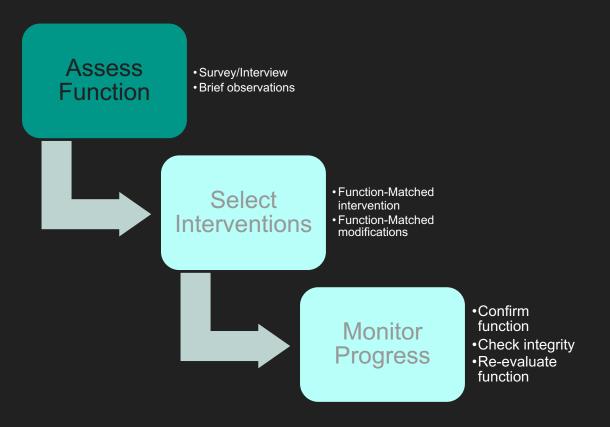


Selecting Intervention Modifications



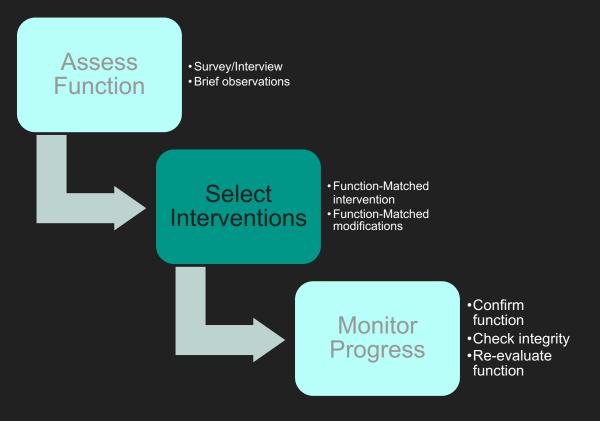
	Antecedent Modifications	Teaching	Consequence
Escape from Demands	 Embed prompts for break requests into CICO or similar tracker* Embed prompts for break requests into the classroom Provide verbal prompts for break requests* Modify amount or difficulty of work* Provide opportunity to bring work home* Allow student to sit next to helpful peer* Precorrection: Remind student of expectations prior to challenging periods, or of homework prior to going home* Provide time in school to complete homework 	Teach routines around requesting a break* Teach responses to teacher giving or denying a break* Teach study skills*	Modifications Earn free time after completing work* Link daily goal and points earned to work completion* Reward choices include options to reduce work (e.g., homework pass, leave class early pass, break opportunities)
Peer Attention	 Scheduled peer interactions (e.g., social activities) prior to challenging periods Change seating to minimize access to distracting peers* Interrupt and redirect peer responses to student problem behavior* 	 Teach peers to ignore each other's distracting behavior (e.g., how to respond to peer talking off-topic) Teach request for peer-tutor or partner work* 	 Invite a peer to daily check-out/end of day reward if goal is met* Increase frequency of reward delivery (mid-day and afternoon)* Seat next to preferred peer during lunch* Seat next to preferred peer during class* Use of the Good Behavior Game or similar interdependent group contingency during class*

Step 1: Assess for Function



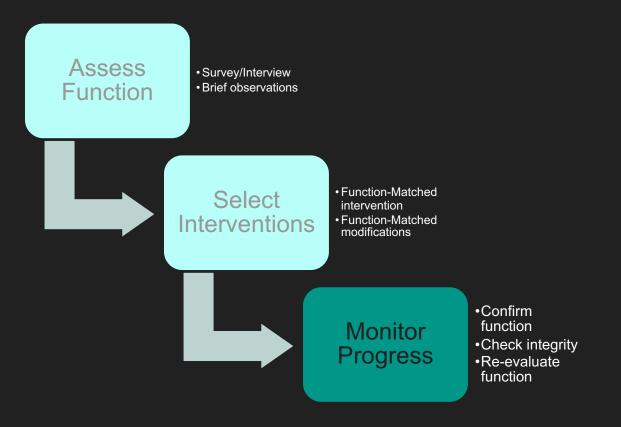
Hypothesized Function: Peer Attention

Step 2: Select Function-Matched Strategies



	Antecedent Modifications	Teaching Modifications	Consequence Modifications
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Step 2: Progress Monitoring



Identify next steps



We cannot make students learn or behave. We can create environments to increase the likelihood students learn and behave. - Dr. Tim Lewis

KEY CONCEPT

Behavior is functionally related to the teaching environment.

- Behavior = what the student 'does' (appropriate/inappropriate)
- Teaching environment = all that happens before, during, and after the student's behavior



ABC-F

Routine: "During _____"

Antecedent/Trigger:

Behavior:

Consequence/OutCome:

... and as a result

Therefore, the Function of the behavior is to:

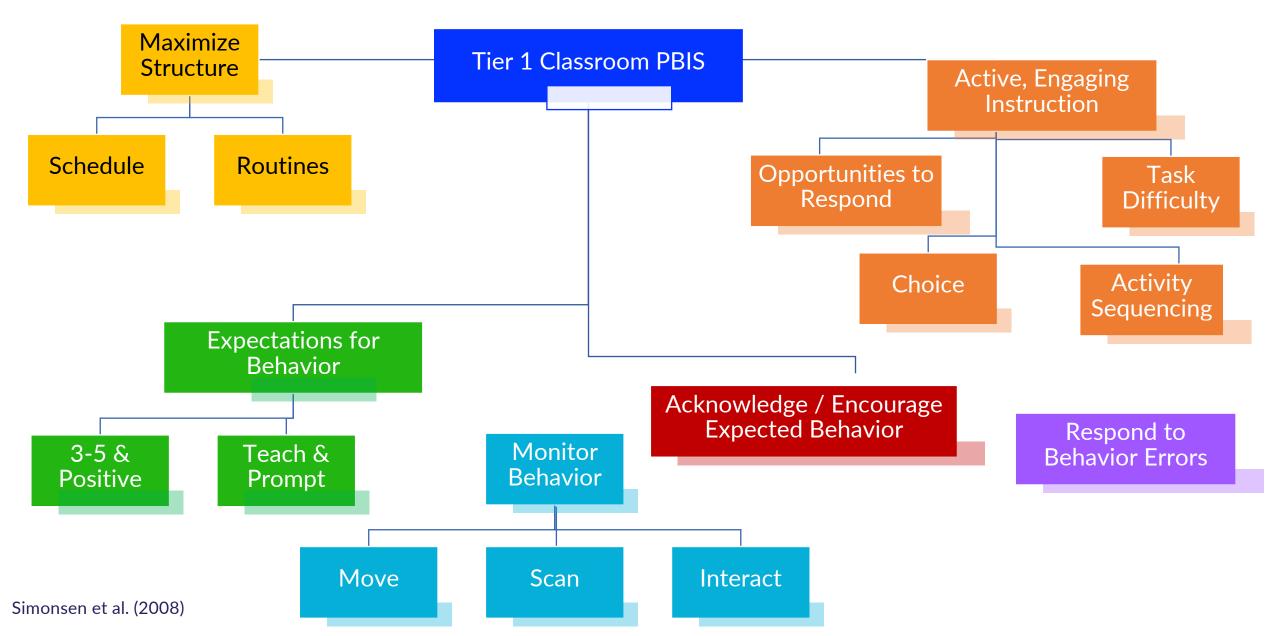


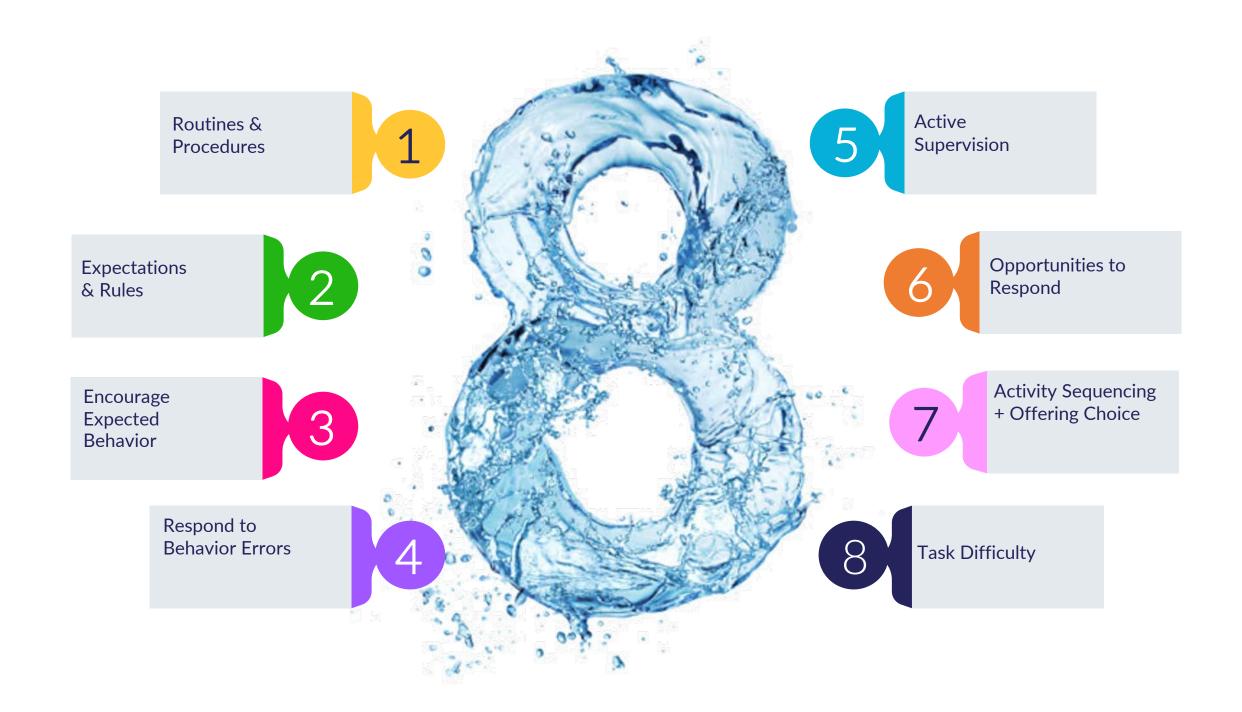


Learning and Teaching Environment

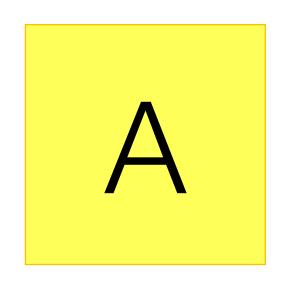
• Environments that increase this likelihood are guided by a core set of effective practices that are implemented with consistency and fidelity.

Empirically Documented Best Practices

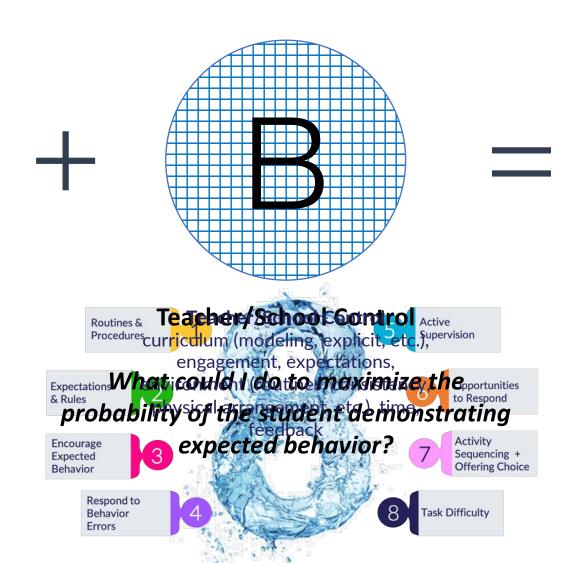


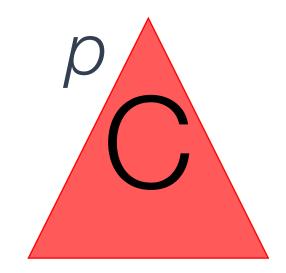


Adult Behaviors = Student Change



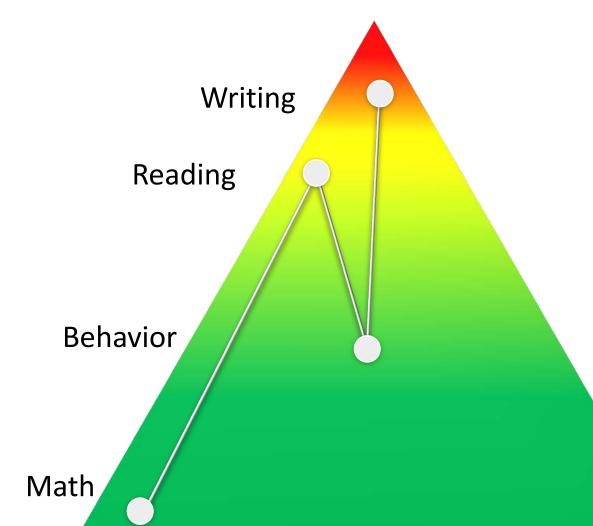
Student Characteristics skills, abilities, social learning history, function/motivation, academic history





Desired State
measureable skills that predict
favorable student outcomes (SEB &
academic)

STUDENT CENTERED SUPPORT

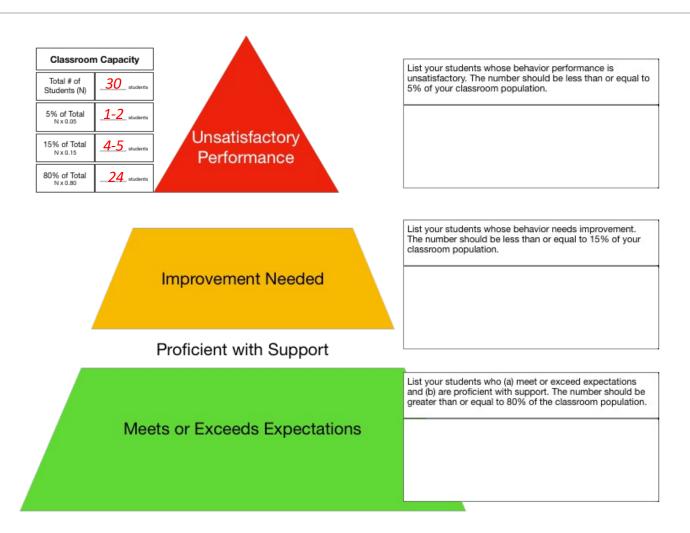


Essential Question:

Is the student successful at this level of support?

The difference is the intensity and frequency of supports.

CLASSROOM CONTINUUM



August S M T W T F S 31 30 31 1 2 3 4 5 32 6 7 8 9 10 11 12 33 13 14 15 16 17 18 19 34 20 21 22 23 24 25 26 35 27 28 29 30 31 1 2 36 3 4 5 6 7 8 9

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40	1	2	3	4	5	6	7
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42	15	16	17	18	19	20	21
43	22	23	24	25	26	27	28
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PHASES OF LEARNING **Generalization** Maintenance Fluency Acquisition

CLASSROOM CONTINUUM



Improvement Needed

Proficient with Support

Meets or Exceeds Expectations



Maximize Structure

Respond to Behavior

Actively Engage Students in Observable Ways

1. Classroom Expectations

- Clarify expected behavior and provide specific precorrects
- ⊕ Teach student how to:
 - Ask for attention
 - Self-Monitor
 - Ask for a break
- Consider student participation in social skills instructional group
- ⊕ Teach academic skills

2. Classroom Procedures & Routines

- ⊕ Teach Procedures
- ⊕ Teach how to ask for help
- Individualize procedure for use of resources (e.g. assistive technology, 100's chart, multiplication table, graphic organizers)
- Check to see if student has needed materials and if not, provide them before they are needed

3. Active Supervision

- Increase Active Supervision
 - Schedule more frequent interactions
 - o Proximity Control
 - o Provide task check-in (eg, 3 more minutes...)

4. Encourage Expected Behavior

- Increase reinforcement of expected behavior
 - High rates of verbal and non-verbal feedback
 - Increase positive communication between home and school
- Provide increased opportunities for interaction with adults and/or peers
- Provide opportunity to earn time for self-selected activities
- Reward student for attempting tasks, staying focused on tasks

5. Discourage Unexpected Behavior

- Provide consistent and calm response
- Limit verbal interaction for problem behavior
- ⊕ Teacher ignore problem
- Prompt peers to ignore problem behavior
- Non-verbal signal
- Offer brief assistance
- Offer alternative methods or materials for task
- Schedule standard times to make up work

6. Opportunities to Respond

- ⊕ Increase OTR
 - o Partner/Group
 - Verbal and Non-verbal options
 - Pre-conference with student(s) to build a variety of engaging response strategies
- ⊕ Use technology
 - Interactive Games
 - Discussion Boards

7. Task Difficulty & Academic Success

- Design assignments to meet student skill level
- ⊕ Pre-teach content
- Modify amount or type of activity
- Provide extra help/check for understanding

8. Activity Sequencing & Offering Choice

- Provide opportunity to help other students
- Provide option to work independently
- Provide task list and allow student to choose order of completion
- Provide opportunity to engage in a preferred activity first
- Allow student to choose location, materials, etc



Using the Greg† to Increase Student Success

Maximize Structure	Respond to Behavior	Actively Engage Students in Observable Ways		
Clarify expected behavior and provide specific precorrects Teach student how to: Ask for attention Self-Monitor Ask for a break Consider student participation in social skills instructional group Teach academic skills	4. Encourage Expected Behavior Increase reinforcement of expected behavior High rates of verbal and non-verbal feedback Increase positive communication between home and school Provide increased opportunities for interaction	6. Opportunities to Respond		
2. Classroom Procedures & Routines ① Teach Procedures ① Teach how to ask for help ② Individualize procedure for use of resources (e.g. assistive technology, 100's chart, multiplication	with adults and/or peers Provide opportunity to earn time for self-selected activities Reward student for attempting tasks, staying focused on tasks 5. Discourace	7. Task Difficulty & Academic Success Design assignments to meet student skill level Pre-teach content Modify amount or type of activity Provide extra help/check for understanding 8. Activity Sequencing & Offering Choice Provide opportunity to help other students		
table, graphic organizers) ① Check to see if student has needed materials and if not, provide them before they are needed	Unexpected Behavior Provide consistent and calm response Limit verbal interaction for problem behavior Teacher ignore problem			
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Function-based actions: Purple = Gain Attention Blue = Avoid Attention Green = Avoid Task

Purple: Gain Attention

Blue: Avoid Attention

Green: Avoid Task

ALLISON





Maximize Structure

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- Allow student to choose location, materials, etc

During:

Work time

When:

Teacher circulates near

Student will:

Drop pencil, get tissues, go to the trashcan

Outcome:

Teacher moves on

Function:

Avoid attention

KEVIN



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During:

Class instruction and work time

When:

The teacher is working at the board

Student will:

Make loud noises, tap others, make faces, dance

Outcome:

Students laugh

Function:

Gain attention

RAYANNE



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Routine – During... Class work time

Antecedent (Trigger) – When...

The teacher gives a direction

Behavior - Student will...

Refuse, shout rude and disrespectful comments, sigh dramatically

outCome:

Other students laugh

Function:

Gain attention

INTENSITY + FREQUENCY

- General education classroom
 - Several students not meeting behavior expectations
- Teacher focused on intensity and frequency use of effective classroom practices
- Positive student outcomes
 - Decrease instances of unexpected behavior

