

For teachers. By teachers. With teachers. In service of students.

**Functional Assessment-Based Intervention (FABI): An Effective Approach for Supporting Students with Intensive Behavior Intervention Needs**

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This project was funded in part by Project EPIC (USDE, OSEP Award Number: H325D220011) and Project ENHANCE (IES Project Number R324N190002)

**Part 3: April 17, 2026**

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**Reflect & Connect: Ci3T**



Why is it be important to identify where today's learning connects to our Ci3T framework?

What is your role in supporting students' academic, behavior and social needs?

Today, we are focused on Tier 3 to support students with intensive intervention needs across domains

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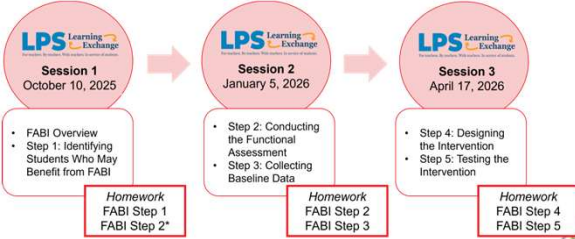
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**LPS Learning Exchange Series Progression**



**Session 1**  
October 10, 2025

- FABI Overview
- Step 1: Identifying Students Who May Benefit from FABI

Homework: FABI Step 1, FABI Step 2\*

**Session 2**  
January 5, 2026

- Step 2: Conducting the Functional Assessment
- Step 3: Collecting Baseline Data

Homework: FABI Step 2, FABI Step 3

**Session 3**  
April 17, 2026

- Step 4: Designing the Intervention
- Step 5: Testing the Intervention

Homework: FABI Step 4, FABI Step 5

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### Knowledge, Application, Impact Points

You can earn 2 x PD points for application and 3 x for impact!  
We are happy to review your materials before you upload 😊

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### Session 3 Outcomes

- Select an appropriate intervention method using the Function-Based Intervention Decision Model.
- Create antecedent-reinforcement-extinction (A-R-E) components, with specific tactics linked to the maintaining function.
- Describe how to test FABI including evaluation of student outcomes, treatment integrity, and social validity.

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### Agenda

1. Welcome
2. Review: Functional Assessment-Based Intervention Process
3. FABI Step 4: Designing the Functional Assessment-Based Intervention
  1. Function-Based Intervention Decision Model
  2. A-R-E Components
4. FABI Step 5: Testing the Intervention
  1. Student Outcomes
  2. Treatment Integrity
  3. Social Validity
5. Putting it All Together
6. Wrapping Up and Moving Forward

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# Functional Assessment-Based Intervention (FABI)



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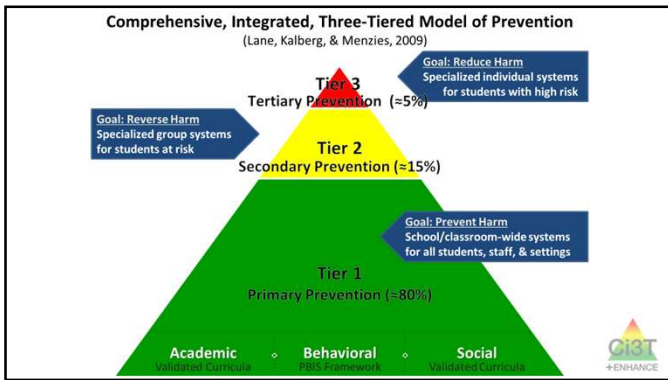
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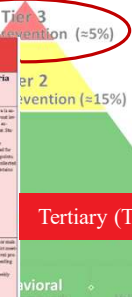
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### Comprehensive, Integrated, Three-Tiered Model of Prevention

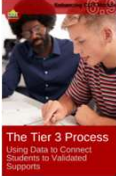
(Lane, Kalberg, & Menzies, 2009)

Tertiary Intervention				
Support	Description	School-wide Data Entry Criteria	Data to Monitor Progress	Exit Criteria
<b>Functional Assessment-Based Intervention</b>	A functional assessment is completed for each student with a significant behavioral problem. Functional assessment reports are reviewed and discussed with the teacher, parent, student and all relevant personnel. The teacher and parent are trained in the use of the assessment and intervention. The teacher and parent are trained in the use of the assessment and intervention. The teacher and parent are trained in the use of the assessment and intervention.	Students: Presenting problem with 2 or more of the following: (a) frequency of occurrence, (b) severity of occurrence, (c) duration of occurrence, (d) impact on learning, (e) impact on social skills, (f) impact on academic achievement. School-wide: 10% of students with significant behavioral problems.	Behavioral: Frequency of occurrence, severity of occurrence, duration of occurrence, impact on learning, impact on social skills, impact on academic achievement. Academic: Standardized test scores, classroom grades, teacher reports. Social: Peer relationships, social skills, self-esteem.	The behavioral objectives in the functional assessment are met. The student is able to demonstrate the skills and strategies learned in the assessment and intervention. The student is able to demonstrate the skills and strategies learned in the assessment and intervention. The student is able to demonstrate the skills and strategies learned in the assessment and intervention.
<b>Individualized Placement</b>	Individualized intervention with ongoing monitoring. The teacher and parent are trained in the use of the assessment and intervention. The teacher and parent are trained in the use of the assessment and intervention. The teacher and parent are trained in the use of the assessment and intervention.	Students: Meeting with (a) frequency of occurrence, (b) severity of occurrence, (c) duration of occurrence, (d) impact on learning, (e) impact on social skills, (f) impact on academic achievement. School-wide: 10% of students with significant behavioral problems.	Behavioral: Frequency of occurrence, severity of occurrence, duration of occurrence, impact on learning, impact on social skills, impact on academic achievement. Academic: Standardized test scores, classroom grades, teacher reports. Social: Peer relationships, social skills, self-esteem.	Meeting objectives in the individualized intervention plan. The student is able to demonstrate the skills and strategies learned in the assessment and intervention. The student is able to demonstrate the skills and strategies learned in the assessment and intervention. The student is able to demonstrate the skills and strategies learned in the assessment and intervention.



**Tertiary (Tier 3) Intervention Grid**





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# What is Functional Assessment-Based Intervention (FABI)?

- Customized intervention designed for each student based on the reasons *why* a particular concerning behavior is occurring
- Developed through a five-step, **team-based**, manualized process
- Grounded in applied behavior analytic (ABA) principles (e.g., reinforcement, antecedent, consequence)

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## 5 Steps to Design, Implement, and Evaluate FABI

Functional Assessment-Based Intervention (FABI) is a five-step manualized process, grounded in applied behavior analytic (ABA) principles, to build an intervention personalized for each student based on the reasons why a particular concerning behavior is occurring.


### 1 Identify Students Who May Need a Functional Assessment-Based Intervention

Teams use schoolwide data (e.g., behavior and academic screening, office discipline referrals, academic data) to determine which students may benefit from this intensive Tier 3 intervention.

### 2 Conducting the Functional Assessment

- Data are collected through informal classroom observations, teacher interviews, family and student interviews, rating scales, and direct observation (A-B-C data collection).
- Target and replacement behaviors are operationally defined.
- Data from the functional assessment are organized using the Function Matrix and a hypothesis statement is written to clarify the function of the student's behavior (e.g., access or avoid attention, tangibles, activities, or sensory)

### 3 Collecting Baseline Data



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### 3 Collecting Baseline Data

- Teams select a behavior measurement system (e.g., momentary time sampling)
- Baseline data (about 5 observations) are graphed and monitored to inform phase change decisions

### 4 Designing the Functional Assessment-Based Intervention

Use the Function-Based Intervention Decision Model to select an intervention method:


- Method 1: Teach the Replacement Behavior
- Method 2: Adjust the Environment
- Method 3: Shift the Contingencies
- Method 1 and 2: Teach the Replacement Behavior and Adjust the Environment

### 5 Testing the Intervention

Implement and evaluate the intervention with an emphasis on:

- Student outcomes
- Treatment integrity
- Social validity

For more information visit [ci3t.org/fabi](http://ci3t.org/fabi)



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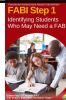
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### Step 1: Identifying Students Who May Need a FABI



**Customer Overview**  
**Step 1: Identifying Students Who May Need a Functional Assessment Based Intervention (FABI)**  
 Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Year/Division: \_\_\_\_\_  
 1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_


**Objectives**  
 Identify students who may need a Functional Assessment Based Intervention (FABI).  
 Determine how to connect with family member(s).  
 Meet with student.

**Checklist**

Checklist Item	Met
1. Review multiple sources of data (e.g., IEP, state assessment, teacher reports, etc.)	
2. Connect with family member(s) to gather information about the student's behavior and needs.	
3. Meet with the student to discuss the behavior and needs.	

**Considerations for Usage**

1. This tool is intended for use by educators and administrators.
2. This tool is not intended to be used as a diagnostic tool.
3. This tool is not intended to be used as a replacement for a Functional Assessment Based Intervention (FABI).



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### Step 2: Conducting the Functional Assessment




**Customer Overview**  
**Step 2: Conducting the Functional Assessment**  
 Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Year/Division: \_\_\_\_\_  
 1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_

**Objectives**  
 Understand the learning environment and context.  
 Review records.  
 Interview.  
 Operationally define target behavior.  
 Rating scales.  
 A-B-C data collection.  
 Use Function Matrix to identify the hypothesized function(s).  
 Identify replacement behavior.

**Checklist**

Checklist Item	Met
1. Understand the learning environment and context.	
2. Review records.	
3. Interview.	
4. Operationally define target behavior.	
5. Rating scales.	
6. A-B-C data collection.	
7. Use Function Matrix to identify the hypothesized function(s).	
8. Identify replacement behavior.	



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### Step 3: Collecting Baseline Data




**Customer Overview**  
**Step 3: Collecting Baseline Data**  
 Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Year/Division: \_\_\_\_\_  
 1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_

**Objectives**  
 Determine behavioral dimension of focus.  
 Select a measurement system.  
 Develop data collection procedures.  
 Train data collectors.  
 Collect baseline data.  
 Graph baseline data.

**Checklist**

Checklist Item	Met
1. Determine behavioral dimension of focus.	
2. Select a measurement system.	
3. Develop data collection procedures.	
4. Train data collectors.	
5. Collect baseline data.	
6. Graph baseline data.	



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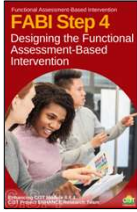
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## Step 4: Design the FABI Function-Based Intervention Decision Model



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### FABI Step 4 Overview



- Select an intervention method
- Develop A-R-E intervention components
- Draft treatment integrity checklist
- Assess pre-intervention social validity
- Develop intervention materials
- Introduce FABI to educators and family
- Introduce FABI to student
- Revise and finalize FABI



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### Function-Based Intervention Decision Model

An intervention method is selected based on the response to these two questions:

1. Can the student perform the replacement behavior?
2. Do antecedent conditions represent effective practices for this student?





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**Question 1**  
Can the student perform the replacement behavior?

**Question 2**  
Do antecedent conditions represent effective practices for this student?

<b>Method 1 and 2</b> Teach the Replacement Behavior and Adjust the Environment	<b>Method 2</b> Adjust the Environment
<b>Method 1</b> Teach the Replacement Behavior	<b>Method 3</b> Shift the Contingencies

Adapted from content in Unsworth, J., Fenn, J. D., Lane, K. L., & Laugher, C. J. (2014). Functional assessment based intervention: Effective individualized support for students. Guilford.

For more information visit [ci3t.org](http://ci3t.org)




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**Let's Practice: Function-Based Intervention Decision Model**

Use the **Function-Based Intervention Decision Model** to select an intervention method for each scenario

- Method 1: Teach the Replacement Behavior
- Method 2: Adjust the Environment
- Method 3: Shift the Contingencies
- Combination of Method 1 & 2: Teach the Replacement Behavior and Adjust the Environment


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**Step 4: Design the FABI A-R-E Components**




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# A-R-E Components

The following is an example of A-R-E intervention components for a student who engages in off-task behavior (e.g., getting out of their seat, talking to peers and adults about off-task topics, calling out) to obtain attention from their teacher and paraprofessionals and to avoid completing work.

### Antecedent adjustments

*Make small changes in environment to prompt the new, more desirable replacement behavior to occur*

- Genuinely greet student prior to entering the classroom
- Pair student with peer role model to work on tasks (access peer attention)
- Visible posters in the classroom and around the school that list expectations
- Verbally state the desired behaviors you expect the student to engage in
- Model expectations to class

### Reinforcement shifts

*Provide more and specific reinforcement for the new behavior*

- Provide behavior-specific praise to the small tasks or parts of large tasks the student completes
- Give student behavior-specific praise for on-task behavior at a high rate
- Celebrate large task completions!
- Offer student 2 minutes to tell a pre-approved joke to the teacher after an on-task duration goal is met.

### Extinction procedures

*Withhold the consequence that previously reinforced the target behavior*

- Give a nonverbal prompt by indicating the classroom setting expectations poster
- Give praise to other students that are on-task, and no praise or attention to the student when they are not on task.

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Adapted from Lane, K. L., Galati, W. P., & Cox, R. (2011). Functional assessment based interventions: A university district partnership to promote learning and success. *Beyond Behavior*, 28(3), 3-14.

Create a checklist of A-R-E components to measure if the plan is being implemented as planned!

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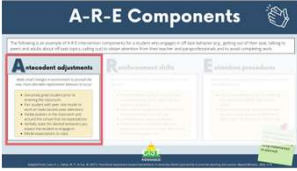
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## Antecedent Adjustments

Adjusting the **antecedent conditions** to increase likelihood replacement behavior will occur (i.e., “set the stage” for success) and (if applicable) **teach the replacement behavior**



FABI Step 4  
Creating the Extinction  
Component Slides

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## Antecedent Adjustments: Environmental

- School-wide expectations are posted and visible
- Furniture arrangement allows for easy movement
- Materials are well organized and easy to access when needed



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### Antecedent Adjustments: Instructional & Task Demand

- Starter (e.g., warm-up, do now) and closing (e.g., exit ticket) activities
- Check for understanding before beginning independent work
- Instructional choice



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### Antecedent Adjustments: Social

- Partner work or assigned "buddy"
- Having students work in small group
- Option to work independently or with a partner/group



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### Antecedent Adjustments: Physiological

- Provide student with a snack (i.e., ensuring they are not hungry)
- Provide motor break prior to instruction (i.e., allowing student to expend extra energy)



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## Reinforcement Shifts

Reinforcing the **replacement behavior** to strengthen its occurrence (i.e., the replacement behavior is more efficient and effective than the target behavior)

**A-R-E Components**

The following is an example of A-R-E intervention components for a student who engages in off-task behavior (e.g., getting out of their seat, talking to peers) and who shows off-task behavior, using skills to obtain attention from their teacher and to participate in and complete assigned work.

**Reinforcement skills**

- Provide attention specific praise for replacement skills (e.g., "I like how you are sitting in your seat.")
- Provide attention specific praise for replacement skills (e.g., "I like how you are participating in the lesson.")
- Provide attention specific praise for replacement skills (e.g., "I like how you are completing your work.")

**Extinction procedures**

- Do not provide attention for the target behavior.
- Do not provide attention for the target behavior.
- Do not provide attention for the target behavior.



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## Types of Reinforcement Shifts

- Change the **type** of reinforcement (i.e., *what* is provided)
  - Public versus private behavior-specific praise
  - Update menu with preferred reinforcers (e.g., break, time with preferred adult)
- Change the **rate** of reinforcement (i.e., *how frequently* reinforcement is provided)
  - More frequent praise (e.g., after every occurrence of replacement behavior, once every 2 minutes)



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## Extinction Procedures

Ensuring the target behavior is no longer followed by reinforcement

**A-R-E Components**

The following is an example of A-R-E intervention components for a student who engages in off-task behavior (e.g., getting out of their seat, talking to peers) and who shows off-task behavior, using skills to obtain attention from their teacher and to participate in and complete assigned work.

**Extinction procedures**

- Do not provide attention for the target behavior.
- Do not provide attention for the target behavior.
- Do not provide attention for the target behavior.



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## Illustration: David (2<sup>nd</sup> Grade)

Germer, K. A., Kaplan, L. M., Giroux, L. N., Markham, E. H., Ferris, G. J., Oakes, W. P., & Lane, K. L. (2011). A function-based intervention to increase a second-grade student's on-task behavior in a general education classroom. *Beyond Behavior*, 20(3).

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### Target Behavior: Off -Task Behavior

Component	Description
Label	Off-task
Definition	Off-task behavior refers to engaging in behaviors or making verbal comments unrelated to instructional tasks.
Examples	<ul style="list-style-type: none"> <li>leaving assigned instructional area without teacher permission</li> <li>inappropriately making comments to teacher or peers unrelated to instruction</li> <li>attending to anything other than the academic task</li> <li>doing unassigned tasks</li> <li>using instructional materials inappropriately</li> <li>taking more than 30 s to prepare for instructional task</li> </ul>
Non-Examples	<ul style="list-style-type: none"> <li>staying in assigned instructional area</li> <li>appropriately making comments to teacher or peers related to instruction</li> <li>attending to academic tasks</li> <li>working on assigned task</li> <li>using instructional materials appropriately</li> <li>preparing for instructional task in less than 30 s</li> </ul>

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### Replacement Behavior: On-Task

Component	Description
Label	On-task
Definition	On-task behavior refers to engaging in behaviors or making verbal comments related to instructional tasks.
Examples	<ul style="list-style-type: none"> <li>staying in assigned instructional area</li> <li>appropriately making comments to teacher or peers related to instruction</li> <li>attending to academic tasks</li> <li>working on assigned task</li> <li>using instructional materials appropriately</li> <li>preparing for instructional task in less than 30 s</li> </ul>
Non-Examples	<ul style="list-style-type: none"> <li>leaving assigned instructional area without teacher permission</li> <li>inappropriately making comments to teacher or peers unrelated to instruction</li> <li>attending to anything other than the academic task</li> <li>doing unassigned tasks</li> <li>using instructional materials inappropriately</li> <li>taking more than 30 s to prepare for instructional task.</li> </ul>

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## Function Matrix

	Positive Reinforcement (PR)	Negative Reinforcement (NR)
<b>Definition</b>	Positive reinforcement is the addition of a stimulus that increases the likelihood of a behavior being repeated.	Negative reinforcement is the removal of an aversive stimulus that increases the likelihood of a behavior being repeated.
<b>Examples</b>	<ul style="list-style-type: none"> <li>Teacher provides praise for a student who completes an assignment.</li> <li>Teacher provides a sticker for a student who follows directions.</li> <li>Teacher provides a reward for a student who participates in class.</li> </ul>	<ul style="list-style-type: none"> <li>Teacher removes a student from class for disruptive behavior.</li> <li>Teacher removes a student's seat for talking back.</li> <li>Teacher removes a student's privileges for not completing assignments.</li> </ul>
<b>Effects</b>	<ul style="list-style-type: none"> <li>Increases the frequency of the behavior.</li> <li>Increases the duration of the behavior.</li> <li>Increases the intensity of the behavior.</li> </ul>	<ul style="list-style-type: none"> <li>Increases the frequency of the behavior.</li> <li>Increases the duration of the behavior.</li> <li>Increases the intensity of the behavior.</li> </ul>
<b>Notes</b>	<ul style="list-style-type: none"> <li>Positive reinforcement is the most effective and least restrictive method of behavior change.</li> <li>Negative reinforcement is the most restrictive and least effective method of behavior change.</li> <li>Both methods can be used to increase the frequency of a behavior.</li> <li>Both methods can be used to decrease the duration of a behavior.</li> <li>Both methods can be used to decrease the intensity of a behavior.</li> </ul>	<ul style="list-style-type: none"> <li>Negative reinforcement is the most restrictive and least effective method of behavior change.</li> <li>Positive reinforcement is the most effective and least restrictive method of behavior change.</li> <li>Both methods can be used to increase the frequency of a behavior.</li> <li>Both methods can be used to decrease the duration of a behavior.</li> <li>Both methods can be used to decrease the intensity of a behavior.</li> </ul>



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## Hypothesized Function

When presented with an instructional task, David engages in off-task behavior (such as leaving instructional areas, inappropriately making comments, and engaging in unassigned tasks) to access attention and/or to escape tasks.

In other words, when David is off-task he gets attention from his teacher and peers and does not have to complete assignments (positive reinforcement-attention and negative reinforcement-activity)



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## Function-Based Intervention Decision Model

**Question 1**  
Can the student perform the replacement behavior?

*No*      **Yes**

**Method 1 and 2**  
Teach the Replacement Behavior and Adjust the Environment


**Method 2**  
Adjust the Environment

**Question 2**  
Do antecedent conditions represent effective practices for this student?

**No**      **Yes**

**Method 1**  
Teach the Replacement Behavior

**Method 3**  
Shift the Contingencies



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### Component 1- Adjust the Antecedents

<b>Adjust Antecedents</b>	Adjust antecedent variables so the conditions that set the occasion for the target behavior are eliminated and new conditions are established in which the replacement behavior is more likely to occur.	<ul style="list-style-type: none"> <li>Seating change - David will sit facing the whiteboard (reduce distraction, proximity to teacher)</li> <li>Requesting help visual (green, yellow, red)</li> <li>Self-monitoring system</li> <li>Teacher will review picture schedule for the morning work period prior to the work period.</li> <li>Teacher will check-in with David at the beginning of independent tasks to ensure that he understood the assignment.</li> </ul>
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### Component 2- Reinforcement Rates

<b>Reinforcement Rates</b>	Provide appropriate reinforcement for the replacement behavior.	<ul style="list-style-type: none"> <li>Teacher will provide behavior-specific praise when David is on-task.</li> <li>Teacher will acknowledge David's need for help when his clothespin was on red and assist him as quickly as possible.</li> <li>Teacher will check David's work upon completion, provide praise, and allow him to take a short break.</li> <li>At the end of the morning independent work period, teacher will help David complete his self-monitoring form and write one specific incidence of good behavior at the bottom.</li> </ul>
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### Component 3- Extinguish the Target Behavior

<b>Extinguish Target Behavior</b>	Withhold the consequence that previously reinforced the target behavior.	<ul style="list-style-type: none"> <li>Teacher will provide no praise or attention when David is off-task, with the exception of one verbal or gestural redirect per minute.</li> <li>When David is off-task, teacher will praise other students who are behaving appropriately.</li> </ul>
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### Let's Chat: Illustration #1 Debrief

- What other antecedent adjustments, reinforcement shifts, or extinction procedures could support David?
- How might A-R-E components for David be different if he were in middle or high school?



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### Break!



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### Tips for Generating A-R-E Components



- Ensure A-R-E components are **aligned to function(s)** of student's behavior
- Consider **social validity** – what is feasible and contextually appropriate?
- Use A-R-E form aligned to your intervention method



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## Illustration 2: Harry 5<sup>th</sup> Grader

Cox, M., Griffin, M. M., Hall, R., Oakes, W. P., & Lane, K. L. (2011). Using a Functional Assessment-Based Intervention to Increase Academic Engaged Time in an Inclusive Middle School Setting. *Beyond Behavior*, 20(3).

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### Target Behavior: Off -Task Behavior

Off-task is defined as attending to activities in class other than assignments

#### Examples

Playing with materials inappropriately, talking to peers, putting head on the desk, drawing, and looking around the room

#### Non-examples

Completing assignments using materials only for assignments, and watching the teacher when delivering instruction



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### Replacement Behavior: Academic Engagement

Academic engagement is defined as anytime Harry is attending to class instructions and/or assignments

#### Examples

Completing assignments using materials only for assignments, and watching the teacher when delivering instruction

#### Non-examples

Playing with materials inappropriately, talking to peers, putting head on the desk, drawing, and looking around the room



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### Function Matrix

	Positive Reinforcement (Access something)	Negative Reinforcement (Avoid something)
Attention	ABC 1.1, ABC 1.2, ABC 1.19, ABC 2.1(peer), ABC 2.2, ABC 2.3, ABC 2.4, ABC 2.7, ABC 2.8, ABC 2.10, S.I. # 4 (wants peer att.)	
Tangibles/ activities	ABC 2.9, S.I. #4 (wants more fun activity)	ABC 1.2, ABC 1.3, ABC 1.4, ABC 1.6, ABC 1.7, ABC 1.8, ABC 1.9, ABC 1.10, ABC 1.11, ABC 1.12, ABC 1.13, ABC 1.14-1.19, ABC 2.1, ABC 2.2, ABC 2.4, ABC 2.5, ABC 2.6, ABC 2.7, ABC 2.9, Avoiding work when not structured. T.I. #4, T.I. #9, S.I. #2 & #3
Sensory	ABC 1.1, ABC 1.5, ABC 1.6, ABC 1.18, ABC 1.19, ABC 2.1, ABC 2.2, ABC 3.1-3.4	



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### Hypothesized Function

When presented with academic tasks or instruction, Harry became off-task (engaged in an activity other than the one assigned) to escape tasks and gain attention.

That is, Harry, engaged in off-task behaviors to access teacher and/or peer attention (positive reinforcement- attention) or to escape the instruction by the teacher or the activity that the teacher assigned (negative reinforcement- activity).



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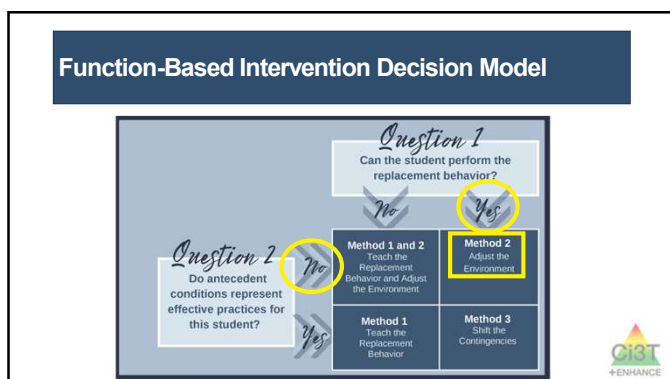
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### Component 1- Adjust the Antecedents

<b>Adjust Antecedents</b>	Adjust antecedent variables so the conditions that set the occasion for the target behavior are eliminated and new conditions are established in which the replacement behavior is more likely to occur.	<ul style="list-style-type: none"><li>Integrate instructional choice into independent work (e.g., complete evens or odds, select any six problems to complete, choice of math manipulative to use)</li></ul>
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### Component 2- Reinforcement Rates

<b>Reinforcement Rates</b>	Provide appropriate reinforcement for the replacement behavior.	<ul style="list-style-type: none"><li>Provide behavior-specific praise paired with a universal reinforcer (e.g., ticket) when Harry begins independent work</li></ul>
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### Component 3- Extinguish the Target Behavior

<b>Extinguish Target Behavior</b>	Withhold the consequence that previously reinforced the target behavior.	<ul style="list-style-type: none"><li>Non-verbal redirection (e.g., gestural prompt)</li></ul>
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### Let's Chat: Illustration #2 Debrief

- How might A-R-E components for Harry be different if he were in pre-k or high school?
- What about A-R-E component generation is most intuitive or easiest to do?
- What about A-R-E component generation is most challenging?
  - How might you overcome those challenges?
  - What supports would help navigate those challenges?



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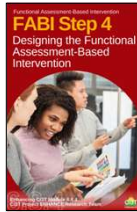
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## Step 4: Design the FABI Preparing to Implement the Intervention



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## FABI Step 4: Preparing to Implement the Intervention



- Select an intervention method
- Develop A-R-E intervention components
- Draft treatment integrity checklist
- Assess pre-intervention social validity
- Develop intervention materials
- Introduce FABI to educators and family
- Introduce FABI to student
- Revise and finalize FABI



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### Pre-Intervention Social Validity

- **Social Significance of goals**
  - Is the replacement behavior functional for the student's daily life?
  - Do the goals align with the values of the student and their family?
  - Do benefits of intervention outweigh costs?
- **Social acceptability of procedures**
  - Is the intervention appropriate for the problem behavior?
  - Is the intervention fair and reasonable from the perspective of the student? Family? Educator?
  - Is the intervention intrusive or stigmatizing?
- **Social importance of effects**
  - Will this change in behavior have a meaningful impact on the student's day-to-day experiences?
  - Will the people involved (i.e., teacher, family, student) be satisfied if the goal is achieved?



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### Measuring Pre-Intervention Social Validity

- Rating scales
- Interviews
- Social comparison - Is the target student's behavior substantially different from typical peer?



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### Introducing the FABI

- Revise drafted A-R-E components to address any concerns shared in pre-intervention social validity
- Introduce FABI to the adults who will implement the intervention (e.g., classroom teacher, counselor, paraprofessional)
  - Explain intervention procedures
  - Model
  - Practice (e.g., role play) with feedback
  - Check for understanding (role play, multiple choice, scenarios)
- Introduce FABI to the student



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### Using Single-Case Design to “Test” How Well the Intervention is Working

The image shows three line graphs representing different single-case experimental designs. The first graph is labeled 'ABAB Design (Cox et al., 2011)' and shows a line graph with four phases: Baseline (A), Intervention (B), Baseline (A), and Intervention (B). The second graph is labeled 'Changing Criterion (Lane et al., 2007)' and shows a line graph with multiple phases where the criterion for the intervention is gradually increased. The third graph is labeled 'Multiple Baseline (Gann et al., 2014)' and shows a line graph with multiple baselines across different behaviors or settings before the intervention is introduced.

ABAB Design (Cox et al., 2011)

Changing Criterion (Lane et al., 2007)

Multiple Baseline (Gann et al., 2014)

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### Post-Intervention Social Validity

- Rating Scales
- Interviews
- Social Comparisons
- Future Use- does the teacher use the intervention with subsequent students who present similar concerns
- Treatment integrity- behavioral marker for social validity

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### Break!

The image contains three simple line-art icons: a toilet, a person in a stretching pose, and a water bottle.

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## Putting it All Together



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## Let's Practice: Putting it All Together

1. Use the **Function-Based Intervention Decision Model** to select an intervention method for your student (or one of the case studies!)
2. Draft **A-R-E components**
3. Consider
  - o How would you collect pre-intervention social validity?
  - o What challenges do you anticipate with treatment integrity? How might you proactively address those concerns?
  - o What single-case design would you use to "test" how well the intervention is working (e.g., ABAB, changing criterion, multiple baseline)



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## Wrapping Up and Moving Forward

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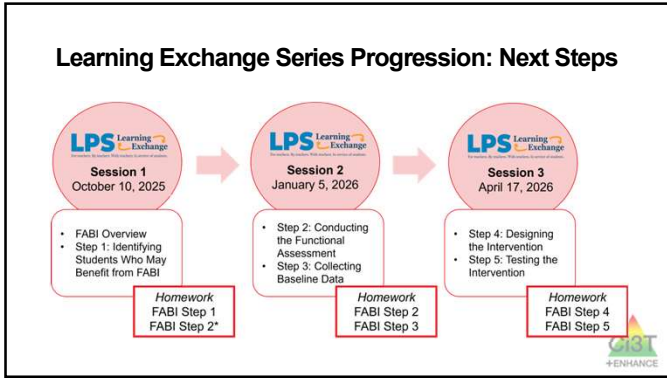
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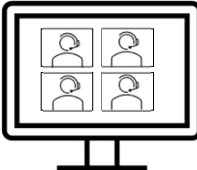
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### Optional: FABI Support

- We are happy to provide support as you complete FABI Steps 4 and 5 😊
- Please email us to schedule a zoom call or in-person meeting
  - Kathleen Lynne Lane [kathleen.lane@ku.edu](mailto:kathleen.lane@ku.edu)
  - Elise Sarasin [elise.sarasin@ku.edu](mailto:elise.sarasin@ku.edu)



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### Opportunities to Learn More



Cigt: FABI

Functional Assessment-Based Interventions

Functional Assessment-Based Interventions  
FABI, Kathleen Lynne Lane, Elise Sarasin

Functional Assessment-Based Intervention  
Please Contact Support to Learn

John Umbreit  
Sharon B. Fink  
Kathleen Lynne Lane  
Carl J. Lupatkin

FABI Step 1: Identifying Students Who Need FABI

FABI Step 2: Conducting the Functional Assessment

FABI Step 3: Collecting Baseline Data

FABI Step 4: Designing the Intervention

FABI Step 5: Testing the Intervention

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## Project EMPOWER+



EMPOWER+ Session	Date
Starting Strong: Effective Tier 1 Practices for Educators	September 24, 2025 (Wednesday)
From Data to Action: Using Systematic Screening to Inform Instruction	October 8, 2025 (Wednesday)
OJT In Action: Integrated Lesson Planning for Enhanced Instruction	November 18, 2025 (Tuesday)
Mastering Behavior Specific Praise and Precorrection	January 21, 2026 (Wednesday)
A 6-Step Instructional Approach for Responding to Challenging Behaviors: A Tier 1 Practice	February 10, 2026 (Tuesday)
A Tier 2 Support for Students Experiencing Anxious Feelings: Recognize, Relax, Record.	March 25, 2026 (Wednesday)
A Tier 3 Support for Students with Intensive Intervention Needs: Functional Assessment-Based Intervention (FABI)	April 28, 2026 (Tuesday)



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## Reminder: Knowledge, Application, Impact Points


Knowledge


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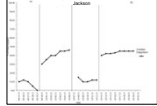
Application

➔


Impact







In Kansas, you can earn 2 x PD points for application and 3 x for impact!  
We are happy to review your materials before you upload!



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## Application & Impact

Also, did you know when you apply your learning...

- you can take your learning activity in MLP to "Application" and earn double the points?
- and demonstrate its' impact, you can get triple your original knowledge points?

Check out the example below!

Original Activity = 2 points  
These are "knowledge points" and can be used for relicensure.



Application = 4 points  
These are "application points" and can be used towards horizontal movement on the salary schedule.

Impact = 2 add'l points  
These are "impact points" and can be used towards horizontal movement on the salary schedule.

A total of 6 points for Salary Enhancement

And, the BEST part?

Application and Impact points can be used to move horizontally on the salary schedule! [Click HERE](#) to learn more (or use the QR code). See your PDC Representative if you have questions!  
Use code: Inhg16g

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**Thank You!**



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Public Schools

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[elise.sarasin@ku.edu](mailto:elise.sarasin@ku.edu)

**Kathleen Lynne Lane**  
[kathleen.lane@ku.edu](mailto:kathleen.lane@ku.edu)



**FABI**  
CIST



**LPS** Learning Exchange  
For teachers. By teachers. With teachers. In service of students.

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