Coaching Others to Implement Strategies for Facilitating Inclusion

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Session Objectives:

In this session, participants will be able to:

- Participates will be able to:
 - ► Demonstrate procedures for training peers and other educators to implement inclusive practices Behavior Skills Training
 - ▶ Describe practices for supporting students with severe disabilities in accessing the general curriculum

Inclusion Made Practical for All Children and Teachers (IMPACT)

3 year model-demonstration grant

- Improve outcomes in comprehension skills of students with ID
- Support teachers to align instruction to grade level content standards and promote access to the general curriculum
- Develop strategies and tools to support implementation of the comprehension model in inclusive classrooms
- Provide intensive coaching to support implementation of model in both special education and general education settings to promote sustainability

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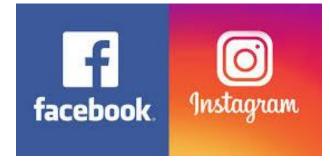


Roadmap for Today's Session

- Why target literacy and comprehension?
- Who can implement the programming in inclusive settings?
- What is Behavior Skills Training?
- Apply the "D-M-R" of Behavior Skills Training for Implementing EBPs in Inclusive Classroom to Increase General Curriculum Access

Why Teach Literacy?

- The goal of learning for students with significant cognitive disabilities is to enhance quality of life
- Instruction in literacy provides a unique tool for promoting quality of life through increasing communicative competence, including comprehending and producing messages
- While not all student may learn to read, all should have the opportunity to learn to access, understand, and produce text
- Literacy is used in every content area and is needed for accessing the general curriculum





Now think about SwSCD in the general education setting? Think of three ways they need to access text, beyond a story/book!



Consider all the ways you accortext on a daily basis

Leisure, independent living, job



Alternative Achievement Literacy

- Comprehending passages of connected texts
 - ▶ Using some combination of reading and listening skills
 - ▶ With option of using technology to access the text
- Apply this comprehension across both narrative and informational text
 - ► For participation in inclusive school contexts
 - ► For job and daily living activities
 - ► For personal enjoyment of literature
- ► Continue to improve reading and writing skills

Promoting Comprehension

NRP recommends 6 strategies for promoting comprehension

- Comprehension monitoring
- Cooperative learning
- Graphic and semantic organizers
- Question answering*
- Question generation
- Summarizing
 - *Most research for this population has focused on question answering

The Challenge of Tackling Comprehension

- Requires receptive and expressive skills
- Requires attention
- Requires short term memory
- Requires reading between the lines to make inferences
 - > These areas can be difficult for our learners

Who Can Implement Instruction?

Paras

- + Provide 1:1 assistance
- - Make decrease social opportunities and over prompt

Gen Ed

- + Knowledgeable of content
- - Very limited opportunities to embed instruction

Special Ed

- + Knowledgeable of EBP/strategies for SwSCD
- - May have limited opportunities to embed instruction

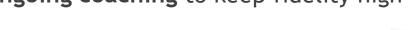
Peers

- + Can implement with high fidelity
- + Can increase opportunities to respond
- + Can reduce stigma when compared to adult, especially in middle and high school



Why Behavior Skills Training?

- Provide Written Directions to Paras, Peers, and Teachers
- Model how to implement program
- P Do direct **rehearsal** 1:1 with the peers, providing feedback as you go
 - ► Goal: 90% or higher fidelity
- Provide ongoing coaching to keep fidelity high











BST: Model

- ▶ In natural context
 - Demonstrate multiple examples of the target behavior
 - ► At high levels of fidelity
- Considers video models
 - ► High levels of fidelity
 - Offer repeated access (e.g., store on school's LMS)
 - Access by distance educators



BST: Rehearse with Feedback

Rehearsal

- Alone, rehearsal is not a strong behavior change procedure (Ward-Horner & Sturmey, 2012)
- Naturalistic settings is best
- Rehearse until a criterion of 90-100% is reached
- Provide an opportunity to rehearse the behavior/step 3 times prior to implementing in the classroom (consultant plays role of student)

Feedback

- Should be provided during rehearsal and should be delivered immediately after a rehearsal opportunity
- Don't forget this can be difficult, so be positive in tone and content
 - "Here is what you can improve"

Sandwich Method

- Positive or empathetic statement
- Constructive feedback
- End with a positive of empathetic statement



Guidelines for Using Behavioral Skills Training to Provide Teacher Support

Florence D. DiGennaro Reed, Abigail L. Blackman, Tyler G. Erath Denys Brand, and Matthew D. Noval

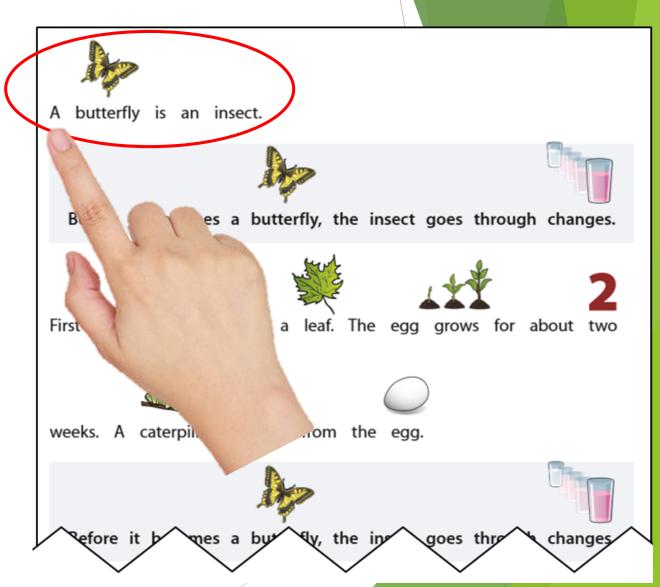
BST: Ongoing Coaching

- Opposite of "train and hope"
- Provide consistent support to the teacher, para, or peer
- Set a time to discuss logistics, data, and troubleshoot
- Open communication policy

Alternate Achievement Literacy

The Ultimate Goal of this approach is to teach students to <u>look back in the text for answers!</u>

- 1. How to adapt text
- 2. How to teach comprehension*



Adapting Text: Start with Age- and Grade-appropriate Text

- Promotes access to the general curriculum
- Aligns with state standards by teaching the same curriculum
- Provides an opportunity to experience the same age and grade level literature/text as peers without disabilities
- ▶ Where to find the text?
 - Same as being used by general education teachers
 - Media specialist/librarian
 - https://access.uncc.edu/parent-teacher-and-educator-resources/assorted-general-curriculum-projects-adapted-texts





For more information on adapting text

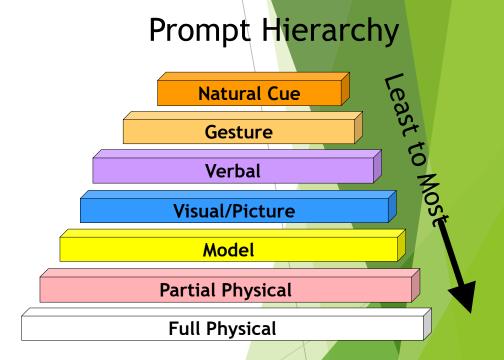
- ► Hudson, Browder, & Wakeman (2013). Helping students with moderate and severe intellectual disability access grade-level text. *TEACHING Exceptional Children*, 45, 14-23.
- access.uncc.edu
- Rule of Thumb: NO more different than necessary!
- Reread of actual text to students
- Watch the movie at the end





System of Least Prompts (SLP)

- ► A hierarchy of prompts also called least intrusive prompting
- Progress from the least intrusive prompt to the most intrusive prompt
- Wait interval* between each prompt until the student makes the targeted response
- Can be used by a variety of interventionists
 - Peer, paraprofessional, general education teacher, or special education teacher

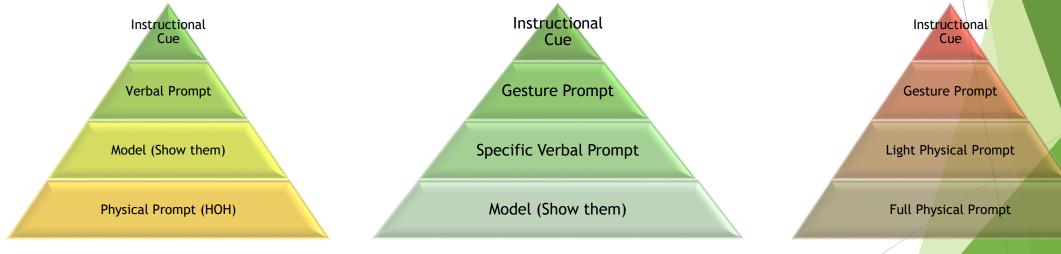


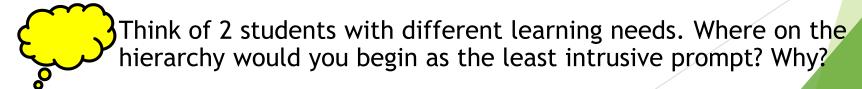


*Wait interval-established time each individual student needs to process

Guidelines for Using System of Least Prompts

- Select 3 4 prompts in the hierarchy (e.g., verbal, gesture/model, physical).
- Remember these prompts can be adapted for students with a range of sensory impairments and needs.
 - **Examples:**
 - ▶ Students with visual impairments: nonspecific verbal, specific verbal, physical
 - ▶ Students with hearing impairments: sign/gesture, model, physical

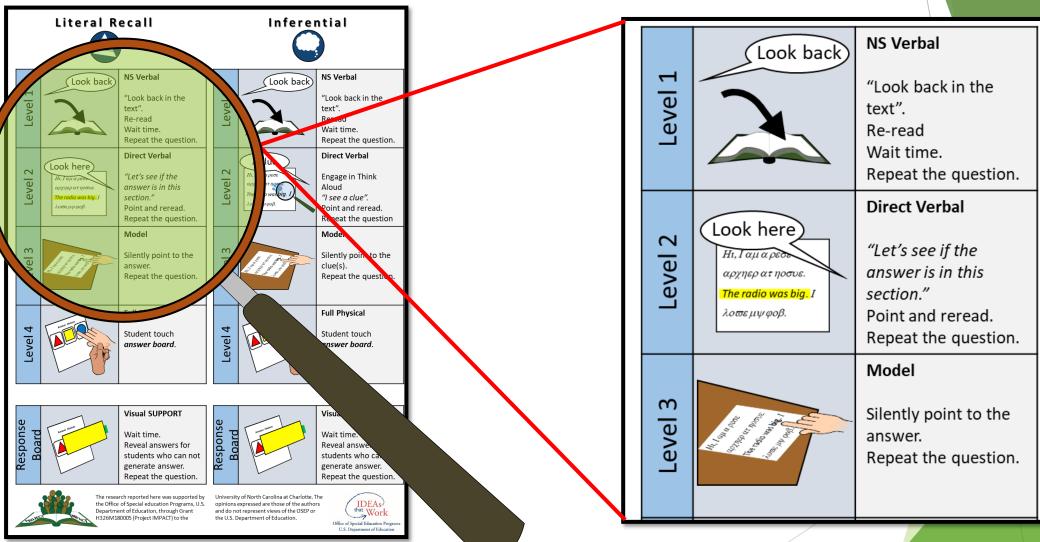




Guidelines for Using System of Least Prompts

Provide the task direction/natural cue (e.g., **Provide Question/directive** "Who is the main character in the story?"). Always give the student an opportunity to make the correct response before providing Ask and WAIT any prompting on each step of the Prompt Hierarchy. Use the least intrusive prompt first and progress to Progress through Hierarchy more intrusive prompts until the learner responds Least to Most correctly (usually 3 to 5 second delay between prompts). Provide specific feedback to the student to confirm Provide appropriate feedback what the student did to meet the expectation. When appropriate use praise and/or a reinforcer





Goal: Provide student a chance for unprompted answer

*Self-generated response

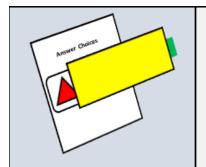
- 1. Read the question
- 2. Utilize student's wait time
- 3. Allow student to give answer
- 4. If self-generated response provided...
- 5. Evaluate if answer is correct or close enough to provide credit
 - 1. If correct, provide specific feedback
 - 2. If incorrect, follow SLP until student provides the correct answer

What type of living thing is a butterfly?

Provide Response Options

For students who do not generate an answer without support. Most students should not need this support

- 1. Read the question
- 2. Utilize student's wait time
- 3. When clear that student does not have a self-generated answer...
- 4. Remove answer shield
- 5. Repeat the question
- 6. Touch each potential answer as you read it



Visual SUPPORT

Wait time. Reveal answers. Repeat the question.

Correct Answer

Erika, what type of living thing is butterfly?

It's an insect!

Great answer Erika, a butterfly is an insect!

What type of living thing is a butterfly?



Error Correction

What type of living thing is a butterfly?



Curtis, what type of living thing is butterfly?

It's a cow!

Lets read this paragraph again...

I don't know

Lets read this sentence ...

A caterpillar

Pointing to insect in text

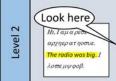
Insect!

Yes an insect! Great looking in the book.



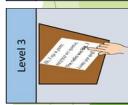
NS Verbal

"Look back in the text". Re-read Wait time. Repeat the question.



Direct Verbal

"Let's see if the answer is in this section."
Point and reread.
Repeat the question.

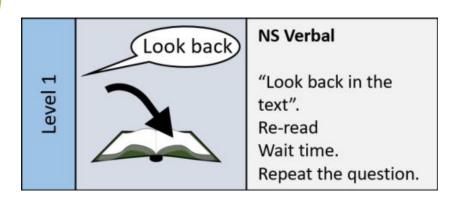


Model

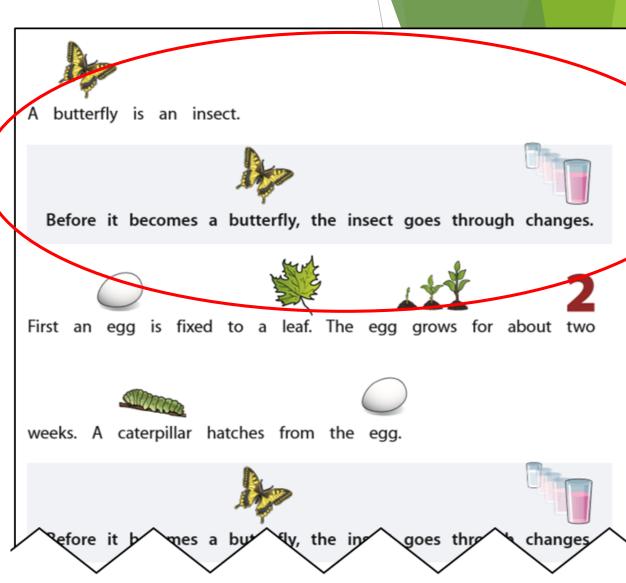
Silently point to the answer.
Repeat the question.



LEVEL 1

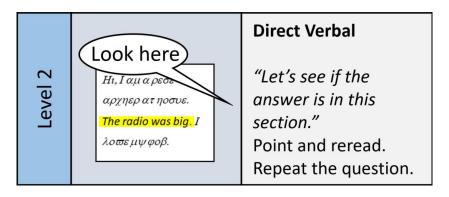


- Goal: Student uses a smaller section of text to find the answer.
- 1. Verbally prompt student to sentences around and including the answer
- 2. Reread the sentences
- 3. Utilize student's wait time
- 4. Repeat the question
- Touch each potential answer on response board as you read it





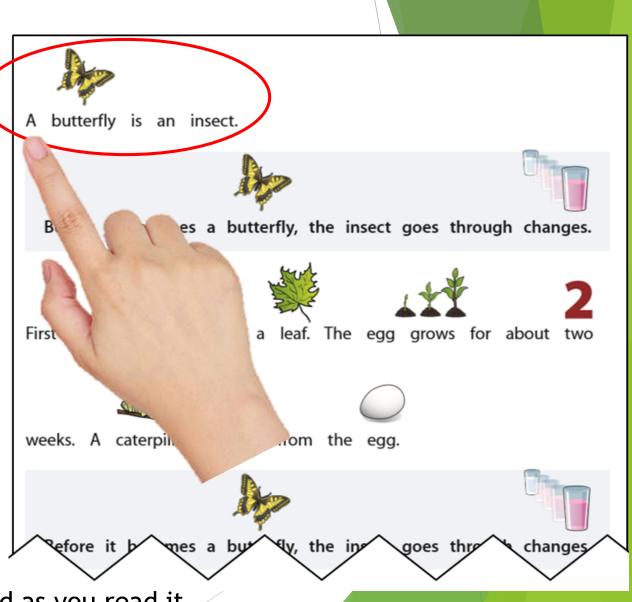
LEVEL 2





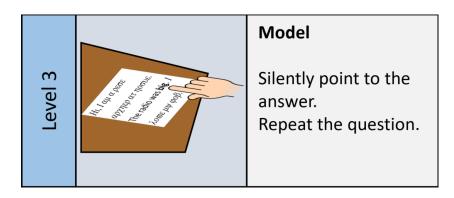
Goal: Student re-listens and hears answer or only looks for answer within one sentence.

- 1. Point to and read sentence with answer while student finger points
- 2. Utilize student's wait time
- 3. Once student stops looking or you anticipate they will not find the answer...
- 4. Repeat the question
- 5. Touch each potential answer on response board as you read it





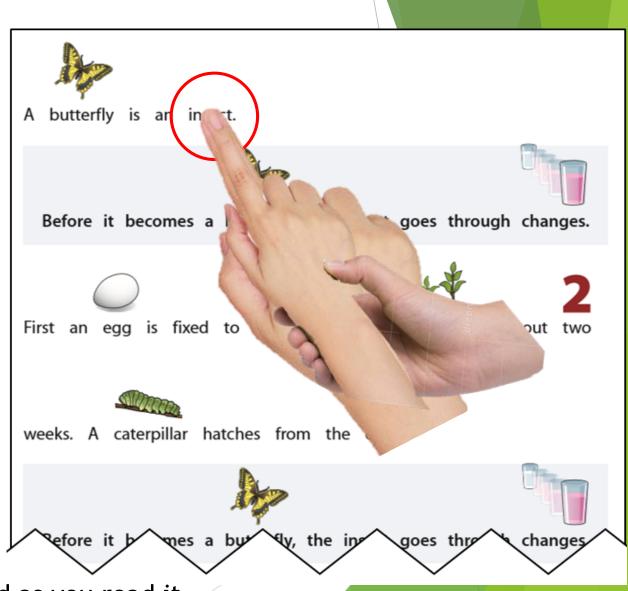
LEVEL 3





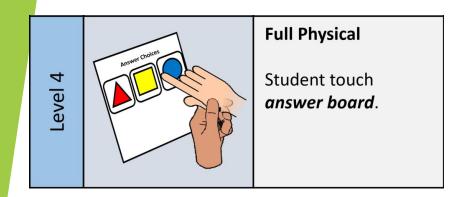
Goal: Student focuses and sees the answer and mimics the teacher's model.

- Silently point to the answer
 *After looking, if student provides answer verbally -> accept the answer
- 2. Utilize student's wait time
- 3. Once student stops looking or you anticipate they will not find the answer...
- 4. Repeat the question
- 5. Touch each potential answer on response board as you read it





LEVEL 4



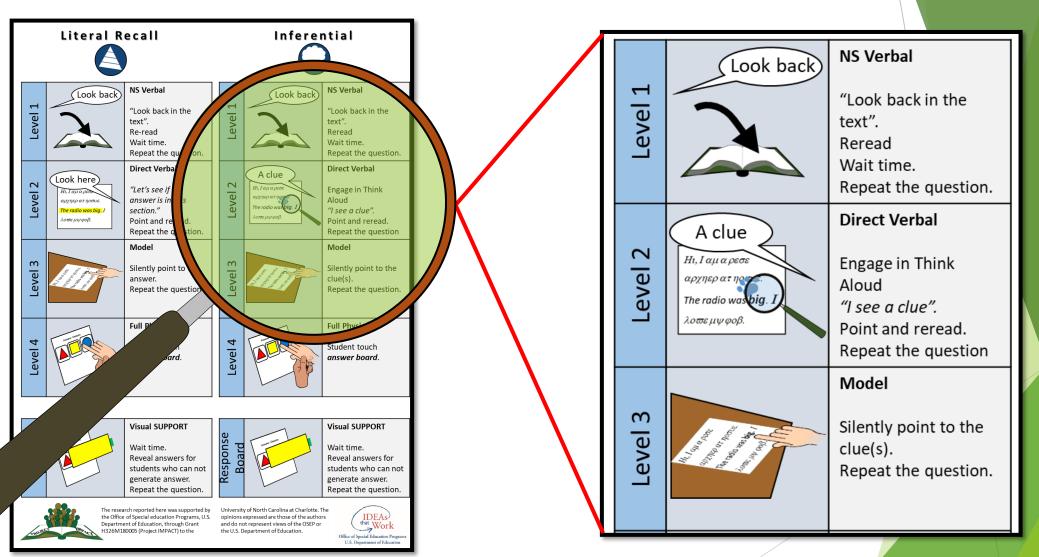


Goal: Student engages in actively providing the answer in *Response Book*

- 1. After touching the text...
- 2. Repeat the question
- 3. Silently model or physically prompt student to touch the answer on response board
- 4. Provide small, specific feedback









*Self-generated response

- 1. Read the question
- 2. Utilize student's wait time
- 3. Allow student to give answer
- 4. If self-generated response provided...
- 5. Evaluate if answer is correct or close enough to provide credit
 - 1. If correct, provide specific feedback
 - 2. If incorrect, follow SLP until student provides the correct answer

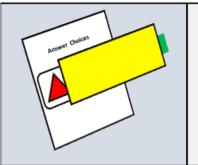
Why were Japanese-American citizens sent to camps?

Was it because _____?

Provide Response Options

For students who do not generate an answer without support. Most students should not need this support

- 1. Read the question
- 2. Utilize student's wait time
- 3. When clear that student does not have a self-generated answer...
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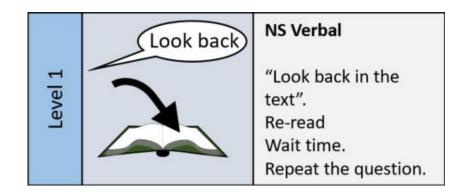


Visual SUPPORT

Wait time. Reveal answers. Repeat the question.



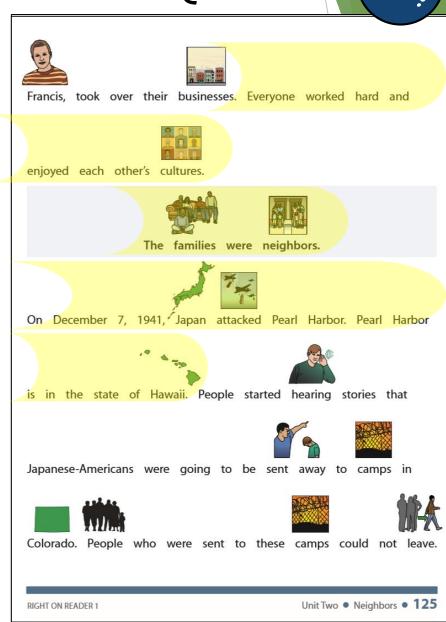
LEVEL 1





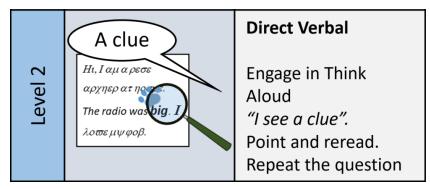
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LEVEL 2



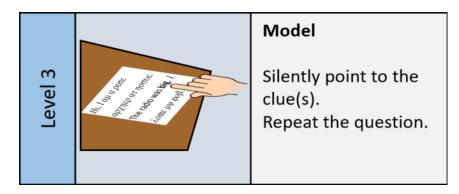
Goal: Student re-listens and hears a clue or only looks for clue within one sentence.

- 1. Point to and read sentence with clue while student finger points
- 2. Utilize student's wait time
- 3. Once student stops looking or you anticipate they will not find the clue...
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LEVEL 3





Goal: Student focuses and sees the answer and mimics the teacher's model.

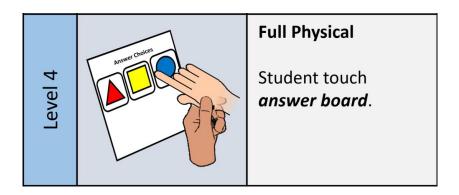
- 1. Silently point to the answer

 *After attaining, if student provides answer verbally -> accept the answer
- 2. Utilize student's wait time
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LEVEL 4





Goal: Student engages in actively providing the answer in *Response Book*

- 1. After touching the text...
- 2. Repeat the question
- 3. Silently model or physically prompt student to touch the answer on response board
- 4. Provide small, specific feedback



Teacher Using System of Least Prompts

What to watch:

- 3rd and 4th grade students
- Separate Setting
- Adapted Text
- Small Group
- Uses text
- Ensures student arrives at correct answer
- Avoids reinforcing a wrong answer



Activity

- Your turn!
- Work with the person next to you
- ▶ 1 person will be the student, 1 person will be the teacher
- Answer Wh- questions using the text
- Goal is to go through all steps of SLP so do not get it right!



System of Least Prompts

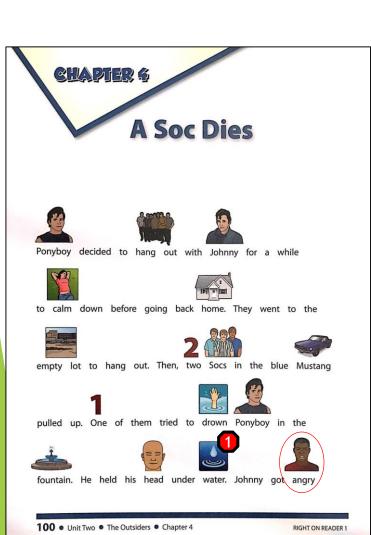


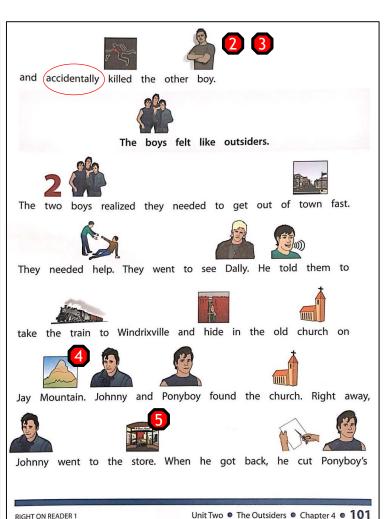
Adapted Text



Wh- Activity







- 1. Predict/inferential: The Socs are holding Ponyboy's head underwater. What do you think will happen next?
 - 1. Ponyboy will fightback and escape
 - 2. Johnny will save Ponyboy
 - 3. The Socs hurt Ponyboy very badly
- 2. I see one of our vocabulary words on the page. The word is angry. Find the word *angry* on the page.
- 3. I see one of our vocabulary words on the page. The word is accidentally. Find the word *accidentally* on the page.
- 4. Who did Johnny and Ponyboy go to for help? Was it....
 - 1. Cherry
 - 2. Justin
 - 3. Dally
- 5. I will show you some different places in the story. You tell me if the picture is a setting of the outsides or not a setting, then we will place it on this chart.

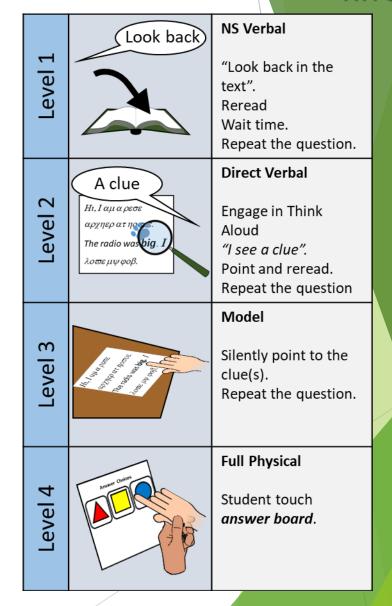
 Old church, drive-in theatre, White house, Empty lot, Amusement park

Literal Recall



Level 1	Look back	"Look back in the text". Re-read Wait time. Repeat the question.
Level 2	Look here Ηι, Γαμαρεου αρχηερ ατ ηοσυε. The radio was big. Γ λοσε μψ φοβ.	"Let's see if the answer is in this section." Point and reread. Repeat the question.
Level 3	The state of the s	Model Silently point to the answer. Repeat the question.
Level 4	Annue Cook	Full Physical Student touch answer board.

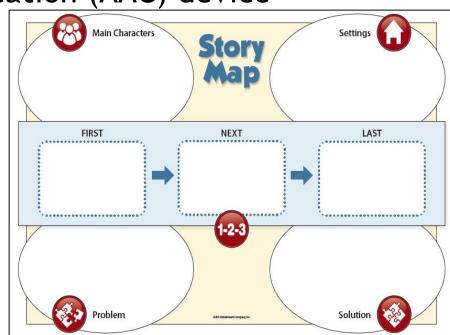
Inferential

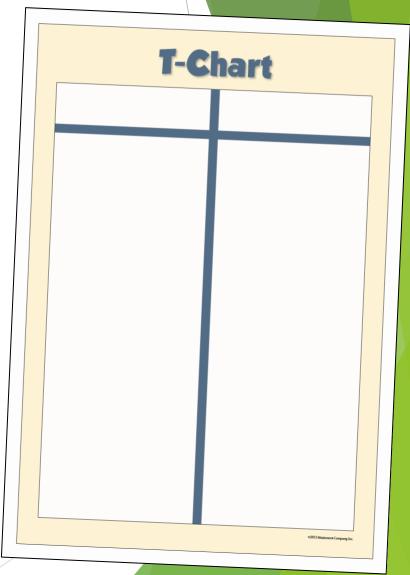




Example and Non-example

- This strategy promotes active student responding
- Can utilize a choral response from all students
- Students utilize sorting skills
- Students who are nonverbal can participate by utilizing an augmentative/ alternative communication (AAC) device

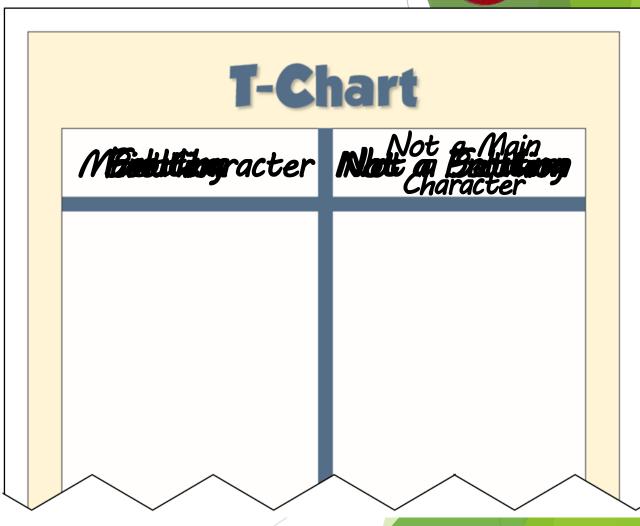






Example/Non-example procedure

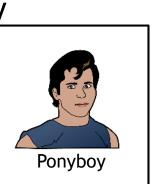
- Used to teach main characters, settings, problem and solution
- All options fall into 1 of 2 categories
- Utilize T-Chart with appropriate headings

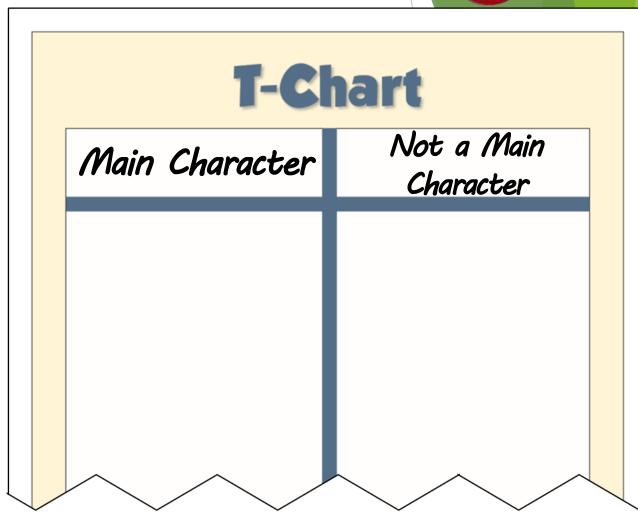




Example/Non-example procedure

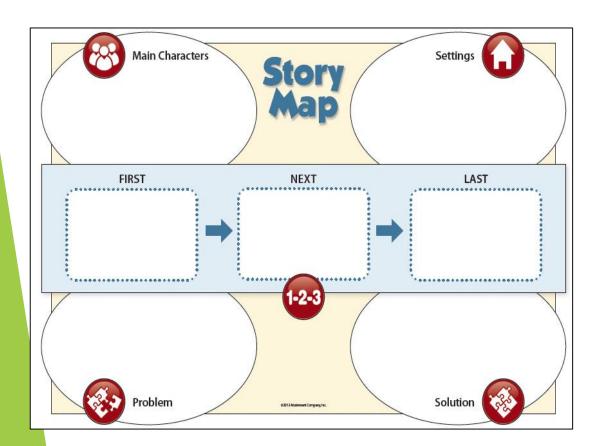
- Ask students if it is an example or non-example,
 - Is Ponyboy a Main Character or not a Main Character?
- Students can respond in chorus or individually



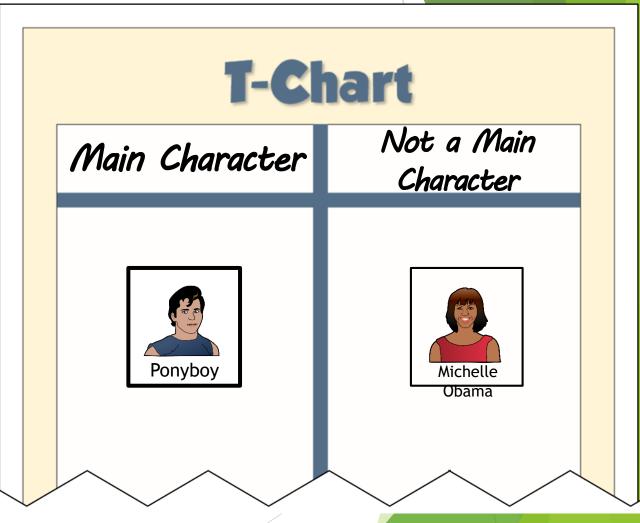


Example/Non-example procedure

 Have students move the appropriate pieces from T-Chart to Story Map







Video of Peer Implementing Curriculum

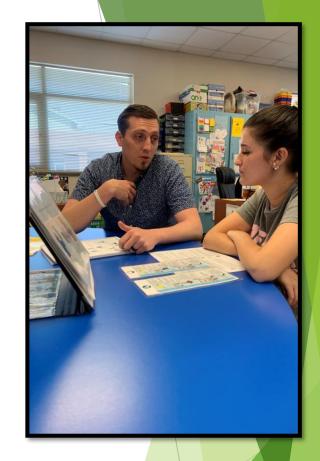


Review! Skills Training?

- Provide Written Directions to Peers
- Model how to implement program
- P Do direct **rehearsal** 1:1 with the peers, providing feedback as you go
 - ► Goal: 90% or higher fidelity
- Provide ongoing coaching to keep fidelity high

Remember D-M-R-C





Fidelity Checks in Inclusive Setting

- Big Idea/Essential Question
- Repeated concept/storyline/idea
- Key vocabulary with definitions
- Activity adapted to access levels for active participation of SwSCD
- Text provided at access level
- Universal Design for Learning Components Present
 - Graphic Organizers
 - Visual Supports
 - Varying modes of responding
- System of Least Prompts for Comprehension
 - Are prompting steps followed? (create checklist)

•		1424		LOIVI			
3. Q1	TP FS A	L1 _{NSV}	L2 _{DV}	L3 _M	L4 _P	Rb F RS	
4. Q2	TP FS A	L1 _{NSV}	L2 _{DV}	L3 _M	L4 _P	Rb F RS	
5. Q3	TP FS A	L1 _{NSV}	L2 _{DV}	L3 _M	L4 _P	Rb F RS	
6. O4	TD ES A	I 1 Nov	1200	13	14 _P	DP E DC	,

Ongoing Coaching Example

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Observation/Coach						
	□ CTD	☐ Lesson flow	☐ Co-teaching			
	☐ Wait time	☐ Data collection	☐ Class routine			
Observation Target:	□ SLP Fluency	☐ Indiv student support	☐ Student engagement			
	□ Feedback	☐ Behavior management	☐ Comm Supports			
	☐ Room organization	☐ Supervision of staff	☐ Material preparation			
Observation Notes: (Fidelity on back)			Goal% Met %			
Post Discussion	1					
Self-ID from lesson:	Strengths:		Needs Improve:			
Objective: (Long term)			1			
Action Step (goal) for next session:						
	☐ Peer observation	☐ Watch peer	☐ Receive feedback-peer			
Instructor's steps:	☐ Discuss lesson w/ peer	☐ Watch video	☐ Practice/Role play			
1						
Coach's steps:						
Next meet coaching method:		☐ Non-verbal signals	☐ Video comparison			
Next meet date:						

Additional Tips for Coaching:

- Validate the challenge with practice, gets easier
- Identify strengths early during training (e.g., pace, reinforcement, etc.) and provide reinforcement.
- Scaffold training so recipient can have success early and build from there

- Say the most with the least words
- Trainee puts steps into own words
- Model and role-play all levels of SLP
- Help trainee identify strengths and weaknesses
- Performing SLP level correctly 1x is not enough

Once para or peer displays consistent success...
Role-play again ~a day later. During initial training a lot of info is consumed, roleplaying a day later improves confidence and allows for controlled mistakes.

Prepare scenarios (e.g., student just stares at teacher) that are realistic and allow for problem solving. Evaluate and discuss solutions.

Review

- ✓ Package for Inclusive Literacy
 - Adapted texts (see website for more information)
 - System of Least Prompts for Literal and Inferential Questions
- ✓ Behavior Skills Training
 - Remember "D-M-R-C"
 - Directions, Model, Rehearse, Ongoing Coaching

Questions:

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For more on Project IMPACT, please visit the website at https://projectimpact.uncc.edu/

