

Providing Literacy Instruction to Students with Disabilities

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Presenter:



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Objectives

- Review the major components of MTSS:
 - A prevention-oriented approach well suited for remote implementation
- Investigate:
 - Components and examples of high-quality remote literacy learning and delivery methods
 - Recommendations for remote assessment and data-based decision making
 - Examples of communication with families and students about remote literacy learning







Prevention and Early Reading Intervention

- Without early, intensive intervention, struggling readers do not "catch up" to their average performing peer. Instead, the gap between good and poor widens over time (Adams, 1990; Good et al., 2001; National Research Council, 1998; Stanovich, 1986).
- For struggling readers the later the onset of intervention the poorer the odds that these students will become proficient readers (Torgesen, 2000, 2001).
- RTI and multi-tiered systems of support (MTSS) are steeped in prevention and early intervention research

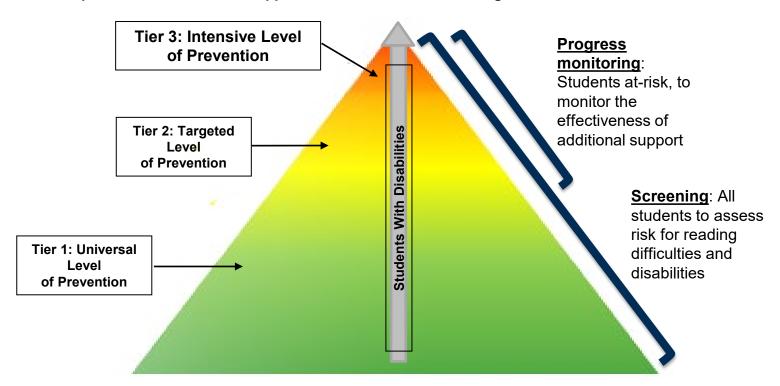






Using MTSS to Implement Instruction & Assessment

MTSS provides a structure of support for ALL students, including students with or at risk for disabilities



The structure of MTSS can be applied in traditional, remote, and hybrid settings!







Tier I: Universal Level of Prevention

All Students

- Screening determines who needs ongoing, comprehensive core support to continue to be on track to meet grade-level objectives
- High-quality core curriculum materials that teach all five "big ideas" of reading
- Explicit and systematic instructional delivery
- Data-based differentiated instruction
- Periodic, standardized performance data (i.e., benchmark assessment data or re-screening in winter and spring) check the core support to determine if it's working and guide adjustments to student assignment to tiers







Big Ideas of Reading



- Phonological Awareness
 - The ability to hear and manipulate sounds in words
- Alphabetic Principle
 - The ability to associate sounds with letters and use these sounds to read words
- Accuracy and Fluency Reading Text
 - The automatic ability to accurately read words in connected text
- Vocabulary
 - The ability to understand and use words to acquire and convey meaning
- Comprehension
 - The complex cognitive process involving the intentional interaction between a reader and text to extract meaning

Tier II: Targeted Level of Prevention

Students at risk for poor learning outcomes

- Evidence-based intervention curriculum focused on all or a subset of the "big ideas" delivered with fidelity
 - Typically focused on phonics and decoding in the early grades to support prevention and student access to core instruction
- High-leverage, explicit instructional practices (i.e., explanations, models, multiple practice opportunities, corrective feedback and checks for understanding)
- Instructional adjustments guided by progress monitoring and mastery data







Tier III: Intensive Level of Prevention

Students not responding to high-quality Tier I and Tier II instruction <u>OR</u> who are significantly behind grade-level peers

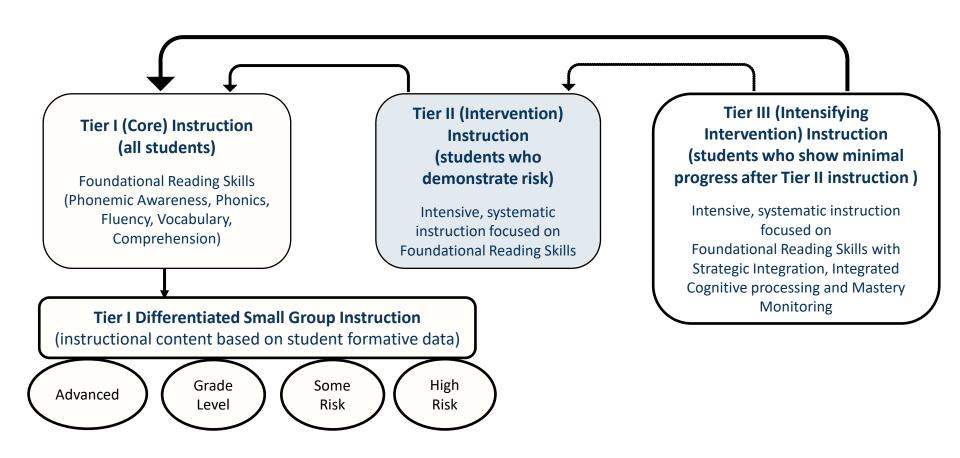
- Individualized (not necessarily individual) intervention based on diagnostic and mastery data
- What happens during intervention matters as much as the amount of instructional time allocated for intervention
- Focus on using evidence-based intensification practices, not necessarily a "different" intervention program
- Ongoing analysis of more frequent progress monitoring and mastery data is used to guide instructional decisions







Instructional Emphasis Aligns with Student Needs

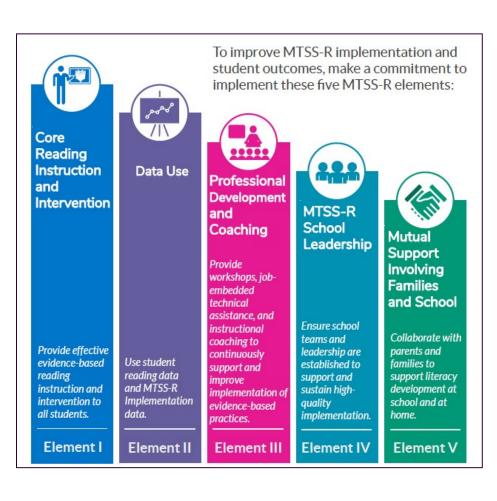






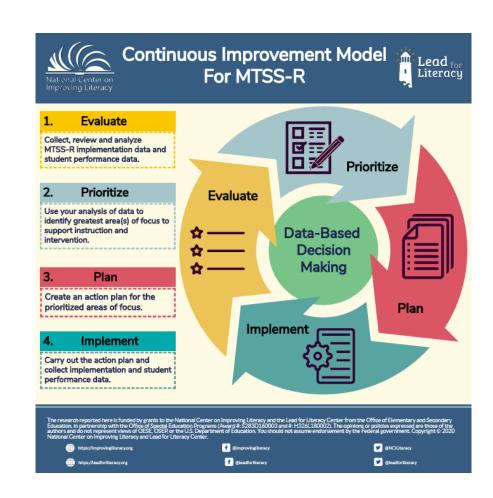


Elements of a Comprehensive Multi-tiered System of Support in Reading (MTSS-R)



Establish a Process for: Implementing Effective Multi-Tiered Systems of Support in Reading

- 1. Evaluate
- 2. Prioritize
- 3. Plan
- 4. Implement



MTSS-R Checklist



Element I: Core Instruction and

Intervention

Element II: Data Use

Element III: Professional Development and

Coaching

Element IV: MTSS-R School Leadership

Element V: Mutual Support Involving

Families and the School

Why Document Your System Now?

- Perhaps counterintuitive to document the features of your system that are in place
- Necessary because...
 - Potential disconnect between current practice and optimal implementation
 - Potential disconnect between current practice and future implementation
 - Potential to retain practices implemented now that are not effective and ill-matched to optimal implementation
 - Potential to forgo practices implemented now that might increase efficiency that are well aligned with optimal implementation
- Knowing what is in place and what isn't supports decisions about prioritization and addresses these "potential" issues







Remote Instruction and Intervention in MTSS







Distance Learning Can Work!

	Fall ORF (9/2019)	Winter ORF (2/2020)	July ORF (7/2020)
Student A	0 wcpm	0 wcpm	
Student B		6 wcpm	25 wcpm
Student C	5 wcpm	20 wcpm	
Student D	6 wcpm	22 wcpm	23 wcpm
Student E	5 wcpm	22 wcpm	32 wcpm
Student F	9 wcpm	24 wcpm	60 wcpm
Student G	7 wcpm	24 wcpm	
Student H	8 wcpm	26 wcpm	35 wcpm
Student I	6 wcpm	26 wcpm	51 wcpm
Student J	10 wcpm	32 wcpm	36 wcpm
Student K	9 wcpm	33 wcpm	85 wcpm
Student L	16 wcpm	44 wcpm	56 wcpm
Student M	7 wcpm	50 wcpm	72 wcpm
Student N	9 wcpm	52 wcpm	64 wcpm
Student O	12 wcpm	34 wcpm	55 wcpm
Student P	13 wcpm	44 wcpm	66 wcpm
Student Q	15 wcpm	28 wcpm	51 wcpm

Student Data Example After Distance Learning:

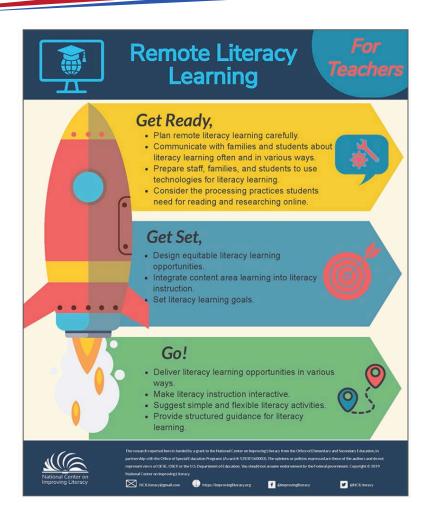
- Students: At-Risk Second Graders
- <u>Distance Learning Instruction</u>:
 - Distance instruction began the last week of March
 - <u>Tier I</u>: Students participated in prerecorded code-based skills lessons
 - <u>Tier II</u>: Students participated in live code-based skills lessons in groups of 3 students or less
 - In addition, students received six weeks of "summer school" (Tier II live groups only)







https://improvingliteracy.org/brief



Sayko, S. (2020).
Remote Literacy Learning – Schools as Partners. Washington, DC: U.S.
Department of Education, Office of Elementary and Secondary Education, Office of Special Education Programs, National Center on Improving Literacy.







For Teachers: Get Ready

- Plan remote literacy learning carefully
- Communicate with families and students about literacy learning often and in various ways
- Prepare staff, families, and students to use technologies for literacy learning
- Consider the processing practices students need for reading and researching online







Successful literacy instruction and interventions, especially for atrisk students and those with reading disabilities, provide a strong core of highly explicit, systematic teaching of foundational skills such as decoding and spelling, as well as explicit teaching of other important components of literacy such as vocabulary, comprehension, and writing.

(Fletcher et al., 2018; Gersten et al., 2008; Graham et al., 2012; Torgesen, 2004).







- 1. Prioritize content (big ideas of literacy instruction)
- 2. Maintain high-quality features of explicit and systematic instruction







1. Prioritize Content

Decoding

Ability to transform print into spoken language (read accurately and fluently)



Language
Comprehension
Ability to understand spoken language



Reading Comprehension

Fluent execution and coordination of word recognition and text comprehension.

Reading is a multifaceted skill, gradually acquired over years of instruction and practice.

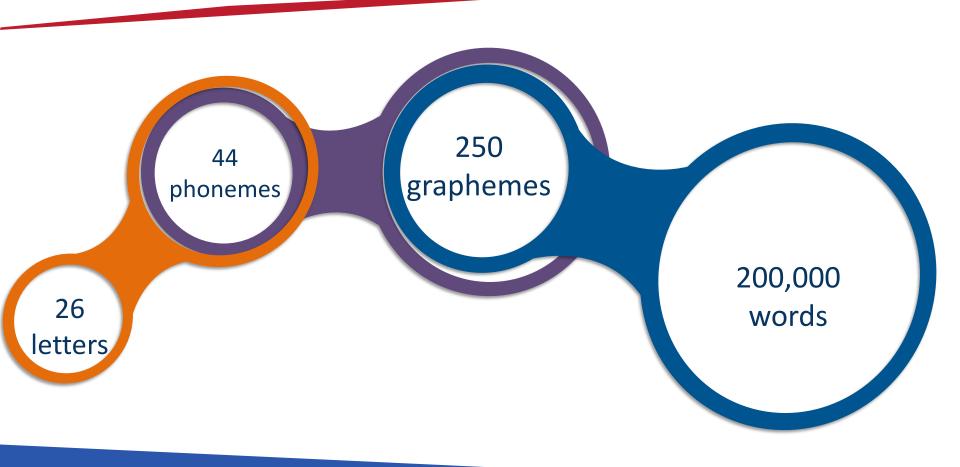
(Gough and Tunmer, 1986)







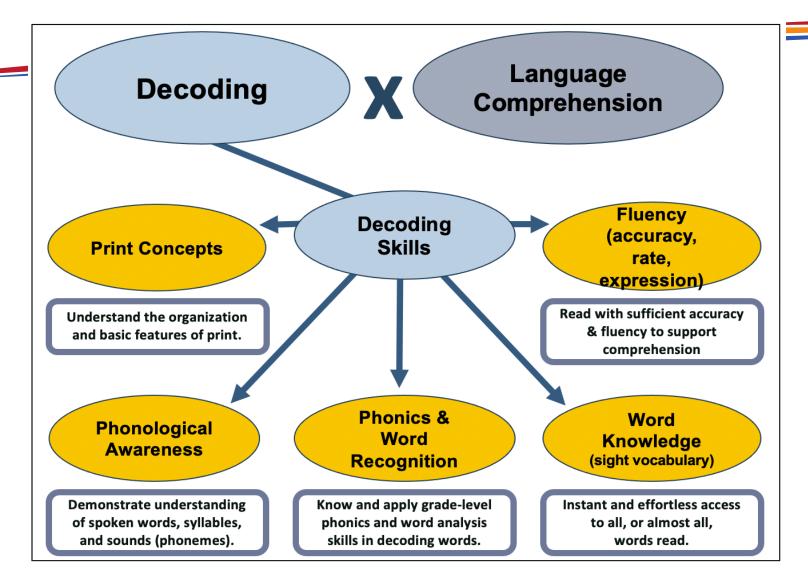
Successful Readers Decipher the Alphabetic Writing System's Written Code







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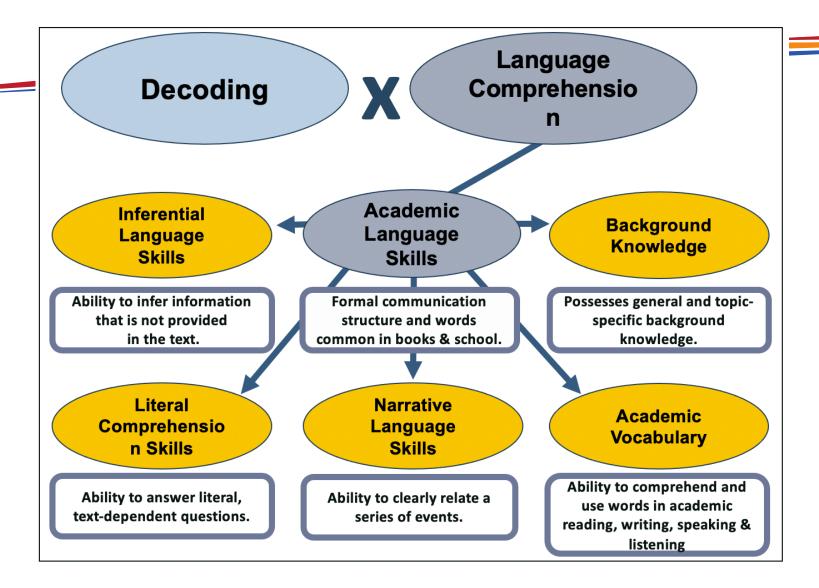








$D \times LC = RC$









Adopted Research-Based Reading Curriculum



- Tier I: developed based on scientific research on reading development and emphasizes the five essential areas of beginning reading instruction
- Tier II (especially) and III: scientific studies have been conducted demonstrating improved student reading outcomes in important skill areas







2. Maintain High-Quality Features of Explicit Instruction

ex•plic•it

 stated clearly and in detail, leaving no room for confusion or doubt.

sys•tem•at•ic

 having, showing, or involving a system, method, or plan.

in • struc • tion

the act or practice of teaching.







Explicit and Systematic Instruction Includes:

- Lesson targets and objectives
- Clear and explicit language
- Teacher demonstrations
- Multiple opportunities for all students to respond and participate
- Consistent, supportive, and corrective feedback
- Individual student checks to determine comprehension of lesson content

(The Meadows Center for Preventing Educational Risk, 2010)







Delivery options:

- 1. Pre-record lessons
 - Each teacher can record daily lessons
 - Grade-level teams can divide the work
 - Option 1: Each teacher records one week and shares with team.
 - Option 2: The team divides the lesson into sections and each teacher records "their" section for each day's lesson.
 - Use iPhones, iPads or document cameras to display charts for filming.

2. Live Delivery

- Mute the group and present the lesson. At the end of each routine, unmute one student at a time for individual turns.
- Tier II and Tier III instruction Meet in small groups or one-on-one for the lesson.
- 3. Some combination of the above







- Some technology options be as consistent as possible:
 - Zoom
 - SeeSaw
 - Google Classroom/Meets
 - You-Tube
 - Document camera
 - Microphone and Headphones
- Example of teaching students to respond:
 - https://youtu.be/Vz4tmDZab-M







- During lesson delivery, ensure students "hear" correct responses during lessons:
 - Option 1: After each practice item, the teacher signals for students to respond and then immediately says, "Yes...that sound/word is [says the sound/word]." Then continues to the next item.
 - Option 2: Have someone respond, acting as the student, recording the lesson.







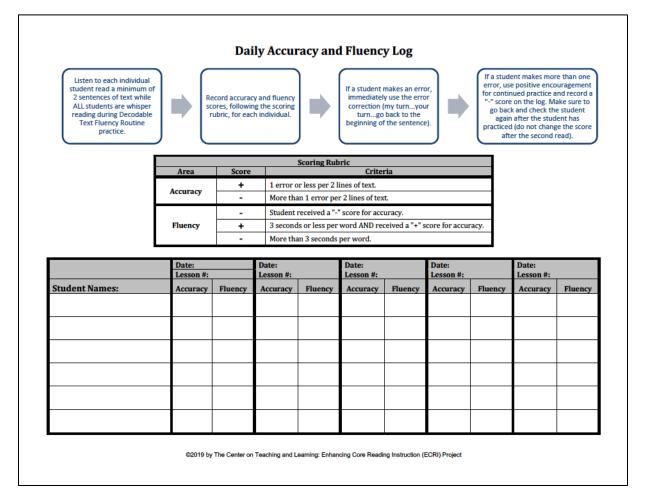
- Checks for Understanding or Mastery:
 - Have students record themselves reading a decodable text passage one time per week on See-Saw, Google Classroom, or other platform, to check for mastery of application.
 - Meet with students one-on-one during the week at least once and have them read a decodable text passage to check for mastery of application.







Collect Mastery Data to Inform Instructional Adjustments









For Teachers: Get Ready



- Plan remote literacy learning carefully
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- Prepare staff, families, and students to use technologies for literacy learning
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Communicate with Families and Students

- Methods:
 - School Website
 - Video for Families/Parents
 - Child Example of Lessons
 - Lesson Repository
 - Frequently Asked Questions
- For example... Keep an active classroom and school website with literacy-related information and resources that includes a Frequently Asked Questions section







Communicate with Families and Students

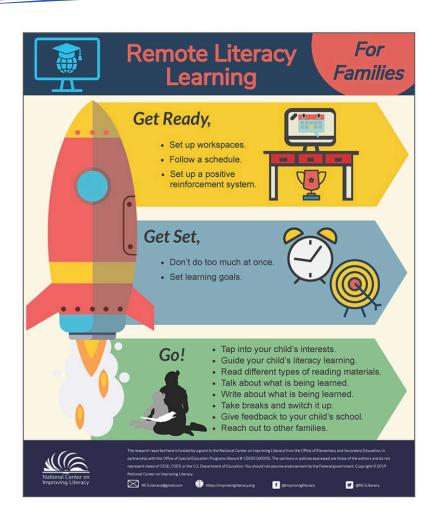
- Create and provide a short video with a model. Include:
 - Technology tips
 - Setting up a workspace
 - Setting up a positive reinforcement system
 - Basic information for participation and the role of the family/adult
 - Video example of a lesson
- Communicate regularly with families and students using consistent methods
 - Consider video chats, email, text messaging, or phone calls (match modes to family preferences)
 - Be sensitive to families' availability
 - Setting regular office hours can make it easier to consistently schedule times to meet







https://improvingliteracy.org/brief



Sayko, S. (2020).
Remote Literacy Learning – Families as Partners. Washington, DC: U.S. Department of Education, Office of Elementary and Secondary Education, Office of Special Education Programs, National Center on Improving Literacy.







For Families: Get Ready

- Set up workspaces
- Follow a schedule
- Set up a positive reinforcement system







For Families: Get Set

- Don't do too much at once
- Set learning goals









For Families: Go!

- Tap into your child's interest
- Guide your child's literacy learning
- Read different types of reading materials
- Talk about what is being learned
- Write about what is being learned
- Take breaks and switch it up
- Give feedback to your child's school
- Reach out to other families









For Teachers: Get Ready



- Plan remote literacy learning carefully
- Communicate with families and students about literacy learning often and in various ways
- Prepare staff, families, and students to use technologies for literacy learning
- Consider the processing practices students need for reading and researching online







Prepare Staff, Families, and Students to Use Technology

- As a school team, select technology tools and stick to them!
- Provide staff time to explore, practice, and prepare for technology use, and provide ongoing, follow-up support.
- Introduce and show families and students how to navigate the systems and tools. Keep it simple!







For Teachers: Get Set

- Design equitable literacy learning opportunities
- Integrate content area learning into literacy instruction
- Set literacy learning goals









For Teachers: Go!

- Deliver literacy learning opportunities in various ways
- Make literacy instruction interactive
- Suggest simple and flexible literacy activities
- Provide student guidance for literacy learning







Offer Various Response Methods

- Response Cards
- White Boards
- Chat Box enter a response (e.g., number or symbol) on signal
- Thumbs Up/Down
- Emoticons
- Annotations (e.g., stamp, draw, text)







Instructional Adjustments: Differentiation

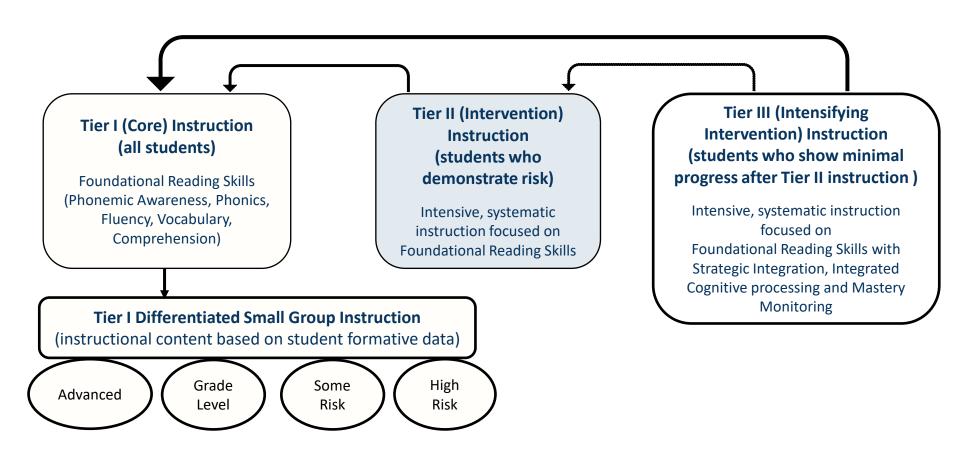
- Differentiation: matching instruction to meet the needs of students
- Groups Characteristics
 - Small(er)
 - Flexible
 - Based on data
 - Focus/format based on instructional need(s)
 - Time in teacher-led group varies based on skills/needs
 - More at risk → meet with teacher more time and more often







Instructional Emphasis Aligns with Student Needs









Instructional Adjustment Planning Ideas

Instructional Adjustment Planning Ideas (base decisions on Implementation and Student Mastery Data):

Losson Mastern					
Lesson Mastery	HOW TO ADJUST INSTRUCTIONS				
WHAT?	HOW TO ADJUST INSTRUCTION?				
☐ Student(s) are not	☐ Add "Needs More Practice" Chart at the beginning and/or end of				
Mastering Lessons	each lesson				
	Provide re-teaching of skills during Tier II instruction in addition to				
	the Tier II lesson				
	Provide aligned re-teaching of specific skills during additional Tier I				
	differentiated small group instruction (in addition to Tier II				
	instruction)				
Student Engagement and Beha					
WHAT?	HOW TO ADJUST INSTRUCTION?				
☐ Student Engagement	☐ Increase think time between the focus/cue and signal for students				
☐ Group Behavior	to respond				
Management	☐ Specific Positive Phrases				
	☐ Celebrate to Motivate				
	☐ Management Reward Games				
	☐ Adjust Lesson Pacing				
	☐ Student Grouping Changes				
Phonemic Awareness					
WHAT?	HOW TO ADJUST INSTRUCTION?				
☐ Phoneme Blending	☐ Scaffold				
☐ Phoneme Segmenting	☐ Provide Re-Teaching in Addition to Pre-Teaching				
☐ Other PA Activities	☐ Add another dose (e.g., Tier I differentiated small group)				
Alphabetic Understanding					
WHAT?	HOW TO ADJUST INSTRUCTION?				
☐ Sound-Spellings	☐ Scaffold				
☐ Blending	☐ Provide Re-Teaching in Addition to Pre-Teaching				
☐ Regular Word Reading	☐ Add another dose (e.g., Tier I differentiated small group)				
☐ Irregular Word Reading					
☐ Encoding (Dictation)					
Accuracy and Fluency Reading Connected Text					
WHAT?	HOW TO ADJUST INSTRUCTION?				
☐ Accuracy	Scaffold				
Fluency	☐ Increase minutes spent re-reading text for fluency practice				
,	☐ Add another dose (e.g., Tier I differentiated small group)				
Vocabulary and Comprehension	, 51				
WHAT?	HOW TO ADJUST INSTRUCTION?				
☐ Vocabulary	□ Scaffold				
☐ Narrative Text Structure	☐ Increase engagement and the number of practice opportunities				
☐ Information Text Structure	☐ Add another dose (e.g., Tier I differentiated small group)				







Document Your Plans!

Ph	nonics Skills						
	Smaller Group Synchronous Virtual Delivery Model: Delivery	Asynchronous (Pre-recorded Video) + Smaller	Possible Intervention (or just very small groups)				
		Virtual	Synchronous Group Virtual Follow-up	Small Group	Individual	Parent or Caregiver Instruction, No Technology	
s	Irregular Word Reading, Phonemic Awareness, Sound Spelling, Blending, Regular Word	Teacher led in smaller groups of 6-8 students. Camera on, voices muted, teacher looks for responses, then says the response aloud. Call on students for individual turns.	Flip the lesson with a teacher-made video, students watch prior to teacher-led session. Teacher does checks for understanding with groups of 6-8 students, using a mix of whole group, and individual turns. (Could be game-like?)	possible – reteach. Teacher or aide led in smaller groups of 2-3 students. Camera on, voices muted or not – teacher looks for responses, then says the designame- teacher looks for response aloud. Possibly use some of the interactive materials to support and engage student.	Pre-teach, if possible. Teacher or aide let with individual students (possibly a shorter period of time). Student responds aloud, teacher corrects as necessary. Possibly use some of the interactive materials to support and engage student.	Packet of coordinated interactive materials, parent friendly directions.	
	Reading, Encoding	Supplement with packet of interactive materials coordinated with core instruction. (template available)	Supplement with packet of interactive materials coordinated with core instruction. (template available)			Phone or face-to-face chat with parent or caregiver regarding progress.	
	Encoding	Students write on white boards (sent home in advance) or regular paper. Students can hold up their boards on signal.				Parent let – use a "worksheet" type paper to be returned to teacher. Emphasize <i>No Erasing</i>	







Management...Build and Sustain Relationships



Know your expectations and teach/reinforce them



Set up a positive reinforcement system



Praise positive behavior



Practice...practice... practice – and refrain from changing the lesson routine



Have fun with the students!







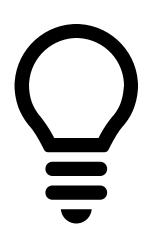
Remote Assessment in MTSS







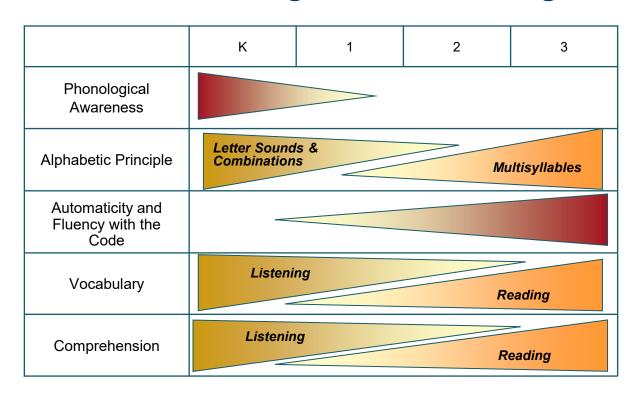
What it Means to Assess



While we seek the most rigorous and relevant assessment system possible, it is crucial to remember that each minute a child spends on assessment is a minute away from instruction. We must be wise and efficient in our assessment implementation



When assessing general reading risk, we screen all students for "big ideas" in reading...



Use data to help you prioritize the most important instructional content and level of support needed for all students.



Remote Testing General Guidelines



- Standardize your school/district's testing approach.
- Ensure assessors and students can clearly hear and see one another/testing materials.
- Communicate with families about expectations for testing.
- Use caution when interpreting scores.

Remote Testing: General Administration



When possible, audio record testing sessions so you can review and ensure the accuracy of student responses.



Explicitly acknowledge the atypical set up with students and let them know how expectations are different prior to beginning testing.



Prompt students to read loudly and clearly prior to beginning testing. Decide in advance how you will manage student and assessor materials.



Consider doing a "dry run" to ensure technology is functional prior to the assessment session.

	Remote Assessment Administration Key Action Checklist			
Before Assessment Administration				
	Conduct an equipment check.			
	Plan for poor connectivity.			
	Organize your materials.			
	Prepare your remote setup.			
	Preview student probes.			
Du	ring Assessment Administration			
	Begin with informal conversation.			
	Test remote setup with a parent/guardian present to be sure both audio and video are clear with no delays.			
	Prepare the student for administration.			
	Confirm the student can clearly see the items and understands how to move across the page for measures that require access to print.			
	Follow standardized administration directions and provide only permitted modifications to prompts and instructions.			
After Assessment Administration				
	Score assessments and enter data per typical practice.			

Recommendations for Beginning of Year (BOY) Screening

- Wait until students have had the opportunity to adjust to school context (e.g., 4 weeks)
- Administer full battery to more comprehensively capture student risk
 - When not possible, administer key risk prediction measures at each grade level
- Continue to use screening data to determine which students are in need of core, supplemental, and intensive support.

Recommendations for Middle and End of Year (MOY and EOY)

- Adjust assessment windows by the same amount of time as BOY
- Administer full battery to more comprehensively capture student risk
 - When not possible, administer key risk prediction measures at each grade level
- Use MOY and EOY data points, in conjunction with more frequent progress monitoring and mastery data, to measure growth and adjust instructional plans

Interpreting Remote Data

- Adhere to best practice for instructional delivery as best as possible:
 - Think outside the box about how to deliver core instruction to address the needs of most students.
 - Identify instructional priorities.
 - Acknowledge explicitly deviations from best practice.



Interpreting Remote Data

- Continue to use supplemental and intensive interventions for students who need them.
- Use multiple data sources to identify students most in need of supplemental intervention.
- Consider using local norms to support decisions about intervention provision when resources require it.
- Continuously monitor student progress.



Additional Resources

FOR IMPLEMENTING MTSS IN REMOTE LEARNING ENVIRONMENTS

 https://ies.ed.gov/ncee/edlabs/r egions/appalachia/blogs/blog34 resources-for-implementingtiered-systems.asp

https://assets-global.website-files.com/5d3725188825e071f1
 670246/5eece8935e4d8010fea1
 93d9 Returning%20to%20School/20During%20and%20After%2
 OCrisis.pdf









Additional Resources

FOR IMPLEMENTING MTSS IN REMOTE LEARNING ENVIRONMENTS

https://drive.google.com/drive/fold ers/1 RpU8YHI94W3TNXVWtOfkmA eSZYKIN3q?usp=sharing

Journeys Unit , Lesson xx

Card sound

card sound

card sound

card sound

card sound

2. Sound Spelling Cards

spellings

spellings

spellings

Word Building Ch

Improving Literacy Brief

REMOTE LITERACY LEARNING

Schools as Partners

Kindergarten ECRI **At-Home Reading Practice**

Lesson 26: May 4-8

Irregular Word Reading

- Parents, these are words your child is working to <u>memorize</u>. Providing multiple practice opportunities with these words throughout the day/week, will help expand your child's sight word vocabulary.
- Posting the words on the wall near the bathroom sink, or fridge, and asking your child to read the words multiple
 times each day (I minute or less of practice each time) will greatly impact the development of your child's sight word
 specially the processing of the proc

little just do down

		1	
		3 4	SAY IT & SPELL IT Write each word three times. After writing each word, read the word aloud.
		6 7 8	
ınks and Affixes	5. Single Syllable Word Blending	Multisyllabic Word Reading a / between syllables.	
	2 3	2 3	
	5 6	5 6	
	7 8	7 8	
	Rewrite, no spaces	Rewrite, no spaces	10

RACY LEARNING

tes a mixture of literacy learning experiences that are teacher-led, as a collaboration among you, families, and students. It will likely school day. Typically, the remote schedule is more flexible than en combines ordine and offline literacy learning opportunities too, relies on learning management systems to deliver virtual lessons also may include live video chats, recorded videos, apps, virtual Dffline learning usually involves print literacy materials and high-hat promotes the development of literacy skills, like vocabulary

and students with information and materials for remote literacy literacy curricula and continuity of learning plan. It is vital to niles can access and use technology, like the learning line games, or technology-assisted programs, to support their is key to use these technologies to enhance, not replace, what you y. If students receive literacy intervention, it should continue may not look the same as it did in person. It is important to talk y about anticipated changes to provide the interventions remotely.

uction remotely must make the instruction accessible to students goals and supports identified on a students individualized king input from families and students will help you to know what is oved. You can lay the foundation for strong home-school g by focusing on strengthening communication; helping students havioral skills; shared decision-making; and strategies to build

In reported here is funded by awards to the National Center on Improving Literacy from the mentary and Secondary Education, in partnership with the Office of Special Education Neard #: 52800160003). The opinions expressed are those of the authors and do not represent SE, OSEP, or the U.S. Department of Education. © National Center on Improving Literacy.

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Affixes of

3. Sounds

Questions?









Thank you!





