MTSS: Utilizing Appropriate Interventions and Supports for Students

Reducing Chronic Absenteeism in Mississippi

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Mississippi Department of Education

VISION

To create a world-class educational system that gives students the knowledge and skills to be successful in college and the workforce, and to flourish as parents and citizens

MISSION

To provide leadership through the development of policy and accountability systems so that all students are prepared to compete in the global community



State Board of Education Goals FIVE-YEAR STRATEGIC PLAN FOR 2016-2020

- 1. All Students Proficient and Showing Growth in All Assessed Areas
- 2. Every Student Graduates from High School and is Ready for College and Career
- 3. Every Child Has Access to a High-Quality Early Childhood Program
- 4. Every School Has Effective Teachers and Leaders
- 5. Every Community Effectively Uses a World-Class Data System to Improve Student Outcomes
- 6. Every School and District is Rated "C" or Higher



Today's Purpose



Purpose

- Review MTSS
- Intervention vs. Remediation
- Tier II
- Tier III
- Data
- Implementation Model



MTSS

Multi-Tiered System of Supports





MTSS

 A multi-tiered system of supports is a framework for effective team-based problem solving that is data-informed, evidence-based, and flexible enough to meet the academic and behavioral needs of all students.



What is MTSS

IS	IS Not
A framework for effective problem solving to improve academics and behavioral outcomes for ALL students.	A single curriculum or program
For ALL students including those who need enrichment	Just for struggling students
Flexible to meet the unique needs of districts and schools	A one size fits all prescription
Data informed and evidence based	Based on assumptions or anecdotal info
Collaborative team based decision making	The responsibility of one person
A framework to make decisions about the need for further services.	A pre-referral process



MTSS

ACTIVITY

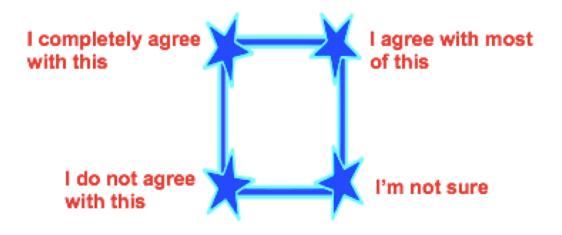
- 4 Corners
- Implementation Rubric





ACTIVITY – Ice Breaker

The facilitator will read statements about the MTSS process. Move to one of the labeled corners to reflect your understanding of these statements.



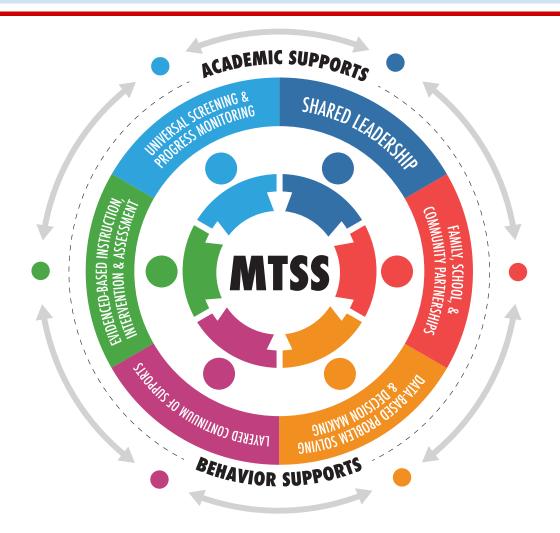


Ice Breaker Activity

- 1. A student must move through all phases of the tier process in order to have a comprehensive assessment.
- 2. After 16 weeks, a decision to move to comprehensive evaluation must be made.
- 3. After 8 weeks of Tier II interventions, a student should be moved to Tier III.
- Students receiving Special Education, EL or Gifted services are eligible for intervention services.
- 5. Behavior interventions specifically address disruptive behaviors.
- 6. Teacher made interventions are the best way to address student deficits.



MTSS Essential Components





Intervention or Remediation



Intervention

- Systematic and explicit instruction provided to accelerate growth in an area of identified need.
- Provided by both special and general educators, based on training, not titles.
- Designed to improve performance relative to a specific, measurable goal.
- Based on valid information about current performance, realistic implementation, and includes ongoing student progress monitoring.



Remedial Instruction

- Using individualized or small group teaching of students who are experiencing difficulties in specific subject areas
- Targets academic weaknesses that may hinder learning
- Intended to remedy a situation; to teach a student something that he or she should have previously learned or be able to demonstrate



Activity

Locate your number and join your group.

Get 4 scenarios and decide if they are an intervention or a remediation.

Place them on the correct chart paper. Be ready to share out.



What is Tier I?



Tier I - High Quality Instruction

- Instructional strategies that address patterns of weaknesses among students
- ALL students receive instruction within an evidencebased, scientifically researched core program
- Differentiation occurs to meet the needs of ALL students
- High-quality instruction can make a substantial difference for struggling students



Differentiation

What is differentiation?

- Tailoring instruction to meet individual needs
- Reaching out to an individual or small group to vary your teaching in order to create the best learning experience possible





What is Tier II?



Tier II Supplemental Instruction

- Some students will need more support in addition to the school-wide supports
- Evidence-based, targeted, supplemental, skill-building intervention
 - -Systematic, explicit, and aligned with Tier I instruction
 - -Individual or small group targeted instruction/intervention and supplemental supports with similar skill building needs.
 - -In addition to Tier I academic and behavior instruction and supports



Making the Decision to Move to Tier II

- Look at data to determine when to move to Tier II
 - -Discrepancy on universal screener when compared to class peers
 - -Improvement never meets or exceeds intervention group
 - -Standard scores on mastery test are below a given percentile (25th percentile)
 - -Scores on specific skills are below basic or proficient, Level 1 or Level 2
 - -Failing grades (least reliable source)



Tier II Behavior

- Students who need additional help
- To reduce current incidents of problem behavior for students identified as "at-risk" for engaging in behavior problems



Critical Features of Tier II Interventions for Behavior

- Small Group
- Matched to Student Need(s)
- Explicit Instruction of Skills
- Structured Prompts for Appropriate Behavior
- Opportunities to Practice
- Frequent Feedback to Students
- Fading Supports



What is Tier III?



Tier III Intensive Interventions and Instructional Supports

- Tier III is for students who demonstrated little to no progress in Tier II
- Typically reserved for 1-5% of students in a class
 - -The most intensive instruction/intervention
 - -Smaller group setting (1-3 students)
 - -30-60 minutes at a minimum/ 4 days per week
 - -Progress is monitored more frequently to determine students response to intervention, typically 1 time per week



Tier III Intensive Interventions and Instructional Supports

- Intervention is provided by school personnel who are highly trained with the areas of the academic need indicated by the student performance data
- Not intended to replace Tier I
- Regular fidelity checks should be conducted to determine if the intervention was implemented the way it was intended



Tier III Intensive Interventions and Instructional Supports

Documentation

-Does the information on the teacher narrative match the intervention?

Implementation

- -Are sign-in sheets available for my students to track their attendance?
- -Does the intervention support the data from the assessments (STAR, MAAP,...)



Tier III Behavior

- Intensive programs and strategies for students who need individualized supports
- Complete a Functional Behavioral Assessment (FBA)
- Develop a comprehensive intervention support plan



Child Find

Follow Child Find Procedures

-Child Find is the ongoing obligation to identify, locate, and evaluate all children suspected of disabilities who need special education and related services as a result of those disabilities.

Note: A district should not violate its Child Find duty by repeatedly referring a student for interventions rather than evaluating the student's need for special education and related services.



Some Examples of Interventions

- Read 180
- Fast ForWord
- Reading Plus
- iReady
- Read Naturally
- Achieve 3000



Content Areas



English Language Arts

- Determine if the problem is at the comprehension level or the word level through diagnostic assessments
- Provide explicit vocabulary instruction
- Include technology component
- Build background knowledge



English Language Arts

Student	Strategy
Poor Readers	Focus on Phonological Skills
Less Severely Impaired	Target Text Reading Fluency
Deciphering Words	Address Vocabulary Deficiencies to Increase Comprehension

Louisa Moats (2002)



English Language Arts

- Repeated Reading is a strategy where students read through a passage repeatedly and receive help with errors.
- You will need a reading book and a stopwatch
- Resources for this strategy can be found on Intervention
 Central including the step by step process



Math

- Determine if problem is due to conceptual understanding, fluency, reasoning, etc.
- Encourage students to verbalize, or think aloud
- Use visual representations
- Provide ongoing formative assessment and teacher feedback



Content Area

- Academic discipline should define essential literacy skills required for success
- Collaborate regarding
- Utilize text coding
- Model locating text evidence
- Use visuals



Data



Tips for Reviewing Data

- Look at multiple pieces (assessments, attendance, classroom data, discipline referrals, environmental situations, ...)
- Question if there are discrepancies on the different assessment pieces
- Look at the qualitative vs. the quantitative (classroom behaviors, assignment completion,...)



ALL Students





Intervention Groups



Establishing Intervention Groups

- Identify students
- Use diagnostic assessment to identify the goal
- Review current groups to see if student fits according to needs and current performance level
- Create an additional group if needed



Accommodations And Modifications



Accommodations and Modifications

Success for ALL (English Learner, gifted, special education) students can be significantly impacted by implementing appropriate accommodations and modifications

- Accommodations don't change the actual content being delivered.
 They're add-ons, tools that ensure that students can demonstrate what they know without lessening their expectations.
- Modifications are changes made to the core content so that the learning objectives are different and more accessible for the student.



Modifications

- are typically implemented when they are written in the LSP or an IEP
- change the content or learning objectives, so teachers should try as many accommodations as possible
 - maintain instruction for the standard/skill
 - modify the reading material level as needed
 - teachers should provide documentation of the accommodations and modifications used and their results



Examples of Accommodations

- Alternate responses
- Advance notes
- Extended time
- Teacher modeling
- Simplified written and verbal directions
- Frequent breaks
- Use of dictionaries/glossaries



Implementation Model



Multi-Tiered System of Supports

- The MTSS Documentation Packet was developed to:
 - -Assist districts, schools, and educators with the process of implementing and documenting required supports for **ALL** students
 - -Provide the means to collect data to improve Pre-K-Grade 12 student outcomes



Section 1B-1C: Student Profiles

- Student Profile: Data Collection and Review
 - Course Performance
 - Behavior
 - Attendance
 - Retention
 - Special Population
 - Universal Screener Results
 - Medical information
 - Hearing and Vision Screener



Section 1B Student Profile (K-8)

K-8 STUDENT PROFILE

SECTION 1B

STUDENT NAME:						DATE:			
MSIS Number/ID:	ber/ID: Date of Birth:				Gender:		Race:		
Teacher:	cher: School/Site:				District:				
Parent/Guardian Name: Phone			ie:	Email:					
Street Address:									
COURSE PERFORMANCE					BEHAVIOR				
Indicate recent term grades in the table below.					Check if documentation is applicable and available.				
Academic Area T1 T2	Т3	T4	Final		Social Emotional Issues (Appendix A)				
Reading									
Mathematics					☐ Discipline Record ☐ Total Number of Discipline Reports:				
Science								ine Reports:	
Social Studies			<u> </u>						
Language Arts				☐ Total Number of Suspensions:					
				☐ In School: ☐ Out of School: ☐					
					☐ Par	ent Confe	rence(s) Da	ate(s):	
					Additional behaviors that may impact				
				performance:					
ATTENDANCE			000		DETENTI	O.1.		CIAL BORILLATION	



Section 1C Student Profile (9-12)

SECTION 1C 9-12 STUDENT PROFILE												
STUDENT NAME:								DATE:				
MSIS Number/ID: Date of Birth:				rth:			Gender:		Race:			
Teacher:	eacher: School/Site:						District:					
Parent/Guardian Na	Parent/Guardian Name:				Phone			Email:				
Street Address:						-1						
COURSE PERFORMANCE						BEHAVIOR						
Indicate recent term gra	des in th	e table belo	w.				Check if	Check if documentation is applicable and available.				
Academic Area	T1	T2	Т	3 T4	ı	Final	Conicl Emotional Issues (Annuality A)					
Reading							Social Emotional Issues (Appendix A)					
Mathematics							☐ Discipline Record					
Science							☐ Total Number of Discipline Reports:					
Social Studies												
Language Arts							☐ Total Number of Suspensions:					
Indicate recent SATP co	ndicate recent SATP course grades.						☐ In School: ☐ Out of School: ☐					
Academic Area	T1	T2	Т	3 T4	l 1	inal	☐ Par	rent Confe	rence(s) Da	ate(s):		
Algebra I								ditional be	haviors th	at may impact		
English II								formance:		at maj impaot		
Biology												
U.S. History												
	ATTENDANCE					GRAD	E RETENT	TION	SPE	CIAL POPULATION		
CURRENT SCHOOL YEAR DAYS ARSENT DAYS PRESENT					rf amplica	hla imdiaata	~~~ d ~ (~)	Charle !	familiashla ta atudant			



Section 2A: Supplemental Instruction

- Supplemental Instruction within the General Classroom
 - -Review Student Profile
 - -Determine Deficit
 - -Determine duration and frequency of intervention
 - -Implement Tier II Interventions to address specific weaknesses of students
 - -Monitor progress to determine next steps (possible further assessments or specific intensive interventions needed)



Section 2A: Supplemental Instruction

- Target Deficit Area of Intervention Identified - What is the student having difficulty with specifically?
- Supplemental Instruction Utilized –
 What supplemental instruction
 or small group strategies will be
 used?
- Specific Evaluation Criteria in Measurable terms - What is the student expected to demonstrate to determine effectiveness of the intervention?

ight future for every child

SECTION 2A	TIER II (SUPPLEMENTAL INSTRUCTION) DOCUMENTATION
SECTION 2A	TIER II (SUPPLEMENTAL INSTRUCTION) DOCUMENTATION

Instructions: **TEACHERS** should complete this form for each student that did not respond to high quality Tier I core instruction. For students receiving more than one intervention in multiple academic or behavioral areas, teachers can duplicate this form. Visit www.mde.k12.ms.us/intervention RtI Resource Links for additional resources.

DETAILS OF INTERVENTION	DATE				
Student Name:	Describe supplemental and/or small group strategies utilized – should be evidence-based:	Provide specific evaluation criteria, in <u>measurable</u> terms, utilized to determine effectiveness and monitor progress:			
Describe target deficit area of intervention(s) – identify if academic and/or behavioral and explain:					

Section 2B: Integrity Checks

SECTION 2B

TIER II (SUPPLEMENTAL INSTRUCTION) INTERVENTION INTEGRITY CHECKS

Instructions: SCHOOL ADMINISTRATORS, check the box next to each trait of quality implementation demonstrated during Tier II instervention observation. Complete at least two (2) integrity checks at equal intervals during course of intervention.

INTEGRITY CHECK #1 Date:	INTEGRITY CHECK #2 Date:			
The intervention is described in specific, measurable terms that can be progress monitored and evaluated. (See Section 2A.)	☐ The intervention is described in specific, measurable terms that can be progress monitored and evaluated. (See Section 2A.)			
☐ The intervention is being delivered in a manner which is consistent with the intervention details as described above.	The intervention is being delivered in a manner which is consistent with the intervention details as described above.			
☐ The intervention seems appropriate for the needs of this student.	The intervention seems appropriate for the needs of this student.			
The individual(s) responsible for delivering intervention has the materials and support he/she needs.	The individual(s) responsible for delivering intervention has the materials and support he/she needs.			
The student's attendance has not been a significant factor in hindering his/her progress.	The student's attendance has not been a significant factor in hindering his/her progress.			
☐ The parent/guardian(s) of student received notification of the intervention plan.	The parent/guardian(s) of student received notification of the intervention plan.			
COMMENTS:	COMMENTS:			
Signature and title of person completing integrity check:	Signature and title of person completing integrity check:			



Section 2C: Progress Monitoring

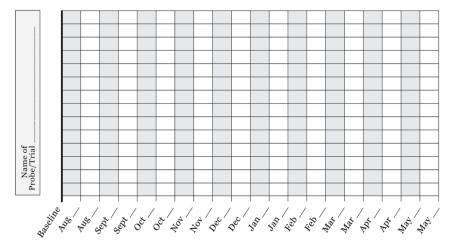
- Progress Monitoring
- Documented Reviews
- Cumulative Documented
 Review
- Recommendations based on data

SECTION 2C

PROGRESS MONITORING AND EVALUATION FOR TIER II INTERVENTIONS

Instructions: INDIVIDUALS RESPONSIBLE FOR DELIVERING INTERVENTIONS should complete progress monitoring using the graph below or a report generated by your district intervention program. It is recommended that the teacher establish a baseline by administering three (3) probes or trials, selecting the median, and marking the baseline by placing a dot on the vertical axis. Teachers should determine the goal by determining the expected rate of progress and marking the target by placing a dot at the intersections. On the bolded line above each month, indicate the first result recorded that month; on the line to the right, indicate the second result of that month.

SUPPLEMENTAL INSTRUCTION





Section 3A: Teacher Support Team

SECTION 3A

TEACHER SUPPORT TEAM REFERRAL AND MEETING

Instructions: **TEACHERS**, complete this form if progress monitoring data does not show adequate student progress and further support is needed. Attach completed **Section 1A**, **1B**, **or 1C**; **1D**, **2A**, **2B**, **and 2C**.

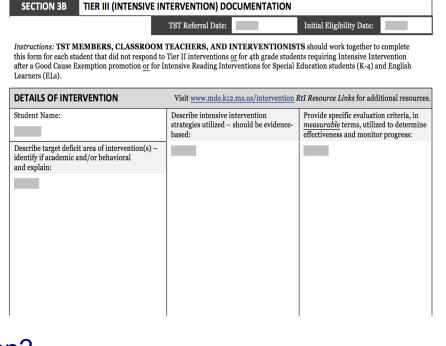
TO: TEACHER SUPPORT TEAM CHAIR						
I request that (student name) be reviewed by the TST to assist in providing interventions to improve his/her overall performance. I have observed problems that interfere with his/her educational progress in the following area(s): Academic performance, low or failing grades	OR	Referral of the student is made based upon Mississippi State Board Policy Part 3 Chapter 41, Rule 41.1: Intervention. These referrals must be made within the first 20 school days of a school year if the child failed the preceding year. Please indicate below: Grades K-3: Student has failed one grade. Grades 4-12: Student has failed two grades. A student failed either of the preceding two grades and has been suspended or expelled for more than 20 days in the current school				
Behavior and/or discipline		year. A student scored at the "lowest level" on any part of the grade 3				
Other, specify:			ecountability assessment.			
		A student is promoted for cause exemption of the Appendix F.)				
Teacher submitting referral:	TST Ch	air acknowledging receipt:	Date of receipt of referral:	Date of TST Meeting to discuss referral		
				(must be within 2 weeks)		



Section 3B: Intensive Intervention Documentation

Target Deficit Area of Intervention Identified: What is the student having difficulty with specifically?

- Supplemental Instruction Utilized: What supplemental instruction or small group strategies will be used?
- Specific Evaluation Criteria in
 Measurable Terms: What is the
 student expected to demonstrate to
 determine effectiveness of the intervention?





Section 3C: Progress Monitoring Documentation

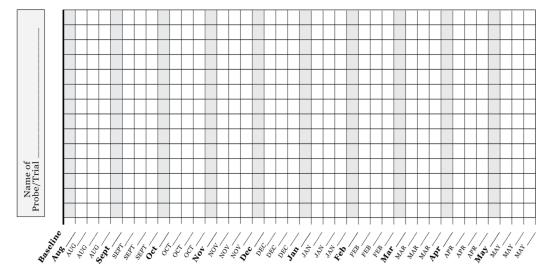
- Progress Monitoring
- Documented Reviews
- Cumulative Documented
 Review
- Recommendations Based on Data

SECTION 3D

PROGRESS MONITORING AND EVALUATION FOR TIER III INTERVENTIONS

Instructions: INDIVIDUALS RESPONSIBLE FOR DELIVERING INTERVENTIONS should complete progress monitoring using the graph below or a report generated by your district intervention program. It is recommended that the teacher establish a baseline by administering three (3) probes or trials, selecting the median, and marking the baseline by placing a dot on the vertical axis. Teachers should determine the goal by determining the expected rate of progress and marking the target by placing a dot at the intersections. On the bolded line above each month, indicate the first result recorded that month; on the line to the right, indicate the second result of that month.

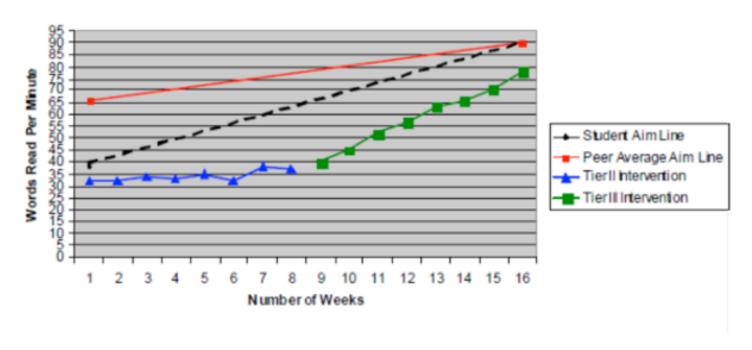
INTENSIVE INTERVENTION





Progress Monitoring

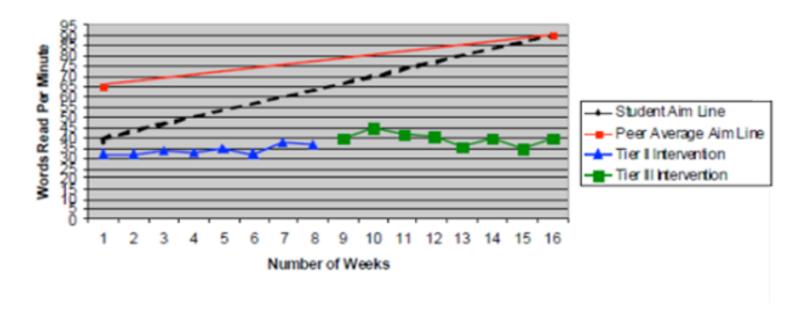
GAP ANALYSIS GRAPH





Progress Monitoring

GAP ANALYSIS GRAPH





Next Steps

What to do after Tier III?

TST examines data



Look at Rate of Progress



Decide





Try a Different Intervention



Child Find Study



Activity

Work as a team to develop a Tier II or Tier III intervention for the scenarios provided.

Fill out the Details of the Intervention on chart paper and be ready to share out.





- Evidence-based, targeted, supplemental, skill building intervention?
- Tier II
- Typically reserved for _____% of students in a class
- 15%



- Designed for students who will need more support in addition to their school-wide supports
- Tier II
- Typically reserved for 1-5% of students in a class
- Tier III



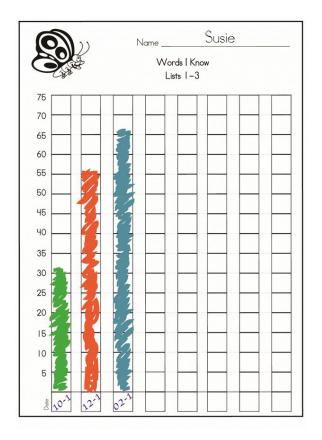
- How many days per week should students participate in a Tier II intervention?
- 3 to 5 days
- Tier II should occur for _____ weeks before making a recommendation to TST
- 8 weeks



- How long is it recommended for a student to participate in a Tier II intervention per day?
- 20 to 30 minutes
- The most intensive instruction/intervention
- Tier III



- How often is it recommended to progress monitor in Tier II?
- Every other week
- Tier III should occur for _____ weeks before making a decision to refer for a child find study
- 16 weeks

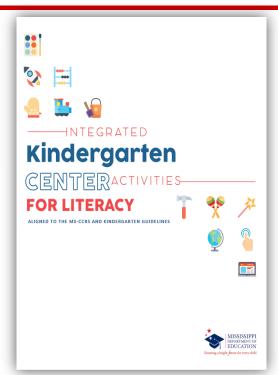




Resources

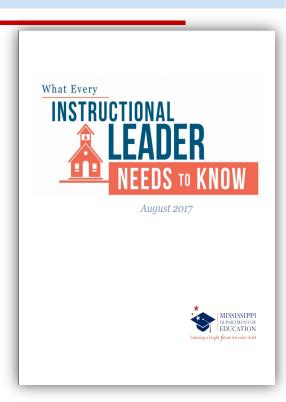


Cursive Writing Recommendations (Guidance for Implementation of Senate Bill 2273)





(Guidance for Integration of Literacy Activities)



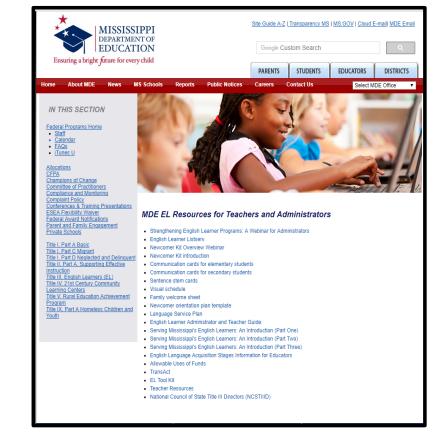
What Every Instructional Leader Needs to Know

(Quick Reference MDE Office Updates)



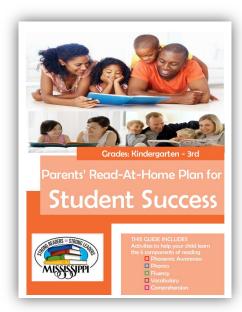
Instructional Supports for EL Students

- EL Literacy Focus of the Month (with classroom video and supporting resources)
- EL Instructional Strategies
 Checklist and Guide along
 with an instructional webinar
- Webinar on EL Strategies for Teacher Assistants and Tutors
- Cultural Proficiency Continuum Webinar





Parent Resources



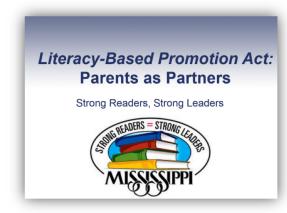
Parents' Read-At-Home Plan (Literacy-Based Promotion Act Parent Document)





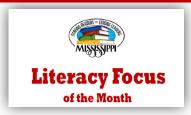
Family Guides for Student Success (Reading & Math: Grades PK-8)





Parents As Partners: An Overview of the 3rd Grade Assessment and the LBPA (Literacy-Based Promotion Act Parent Presentation K-3)

Teacher Resources



Literacy Focus of the Month (Transdisciplinary: Grades PK – 12)

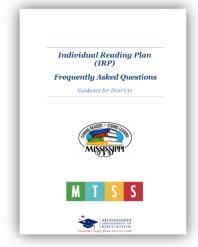


Kellogg Grant Exemplar Lesson & Unit Plans (ELA and Math, Grades PK – HS)

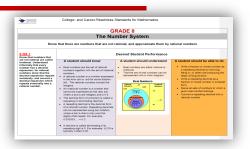




Math Manipulative Training (Lowest Performing Schools: Grades K-6)



Individual Reading Plan FAQs (Literacy-Based Promotion Act Guidance Document K-4)



Instructional Scaffolding Document (ELA & Math: Grades PK-8)

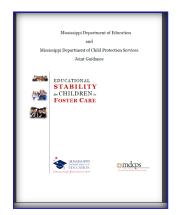


Multi-Tiered System of Supports (Transdisciplinary, Grades PK-12)

Administrator Resources

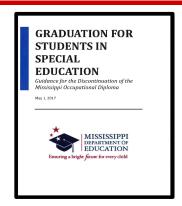


On Demand Technical Assistance & PD (ELA, Math, Literacy, & Special Education: Grades K-12)

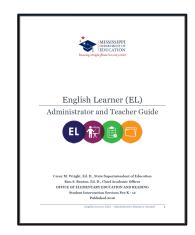


Educational Stability for Children in Foster Care

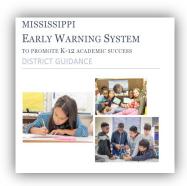




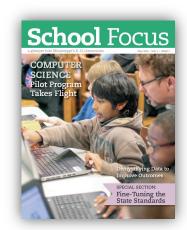
MOD Discontinuation Guidance

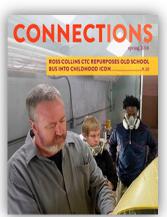


http://mdek12.org/ESE/english-learners



Early Warning System (College and Career Readiness Data Guidance Document)





A Glimpse into Mississippi K-12 and CTE Classrooms (Transdisciplinary: Grades K-12)



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