

High Quality Instructional Materials and Professional Learning (HQIM-PL) Initiative

Presentation to the State Board of Education
Dr. Kim Benton, Chief Academic Officer
March 21, 2018

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

- 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***

Curriculum Matters

Research shows that students gain months of learning when teachers use stronger instructional materials.

- The average **middle school student using aligned mathematics textbooks gains about 8 months of additional learning** compared with a student using unaligned materials ([Kane & Owens, 2016](#)).

Quality curricula promotes equity.

- Based upon an American Education Research Association Study, **low-income students are more likely to be exposed to weaker math content in schools**—and this accounts for a substantial share of the Socio-Economic Status (SES) achievement gap.

High-Quality Materials in Mississippi

Professional development focus

- Regional Education Service Agency partnership
- Professional development coordinators added in 2014-15


Exemplar lessons and other resources

- PK – 8th grade, Algebra I, and English II units (2016-17)
- MS CCRS Scaffolding documents (2012-13, revised 2016-17)
- Family Guides to Student Success (2015-16)
- Mississippi Online Course Approval Process (2016-17)

Mississippi has joined CCSSO's national network of states focused on quality materials and aligned professional learning (2017-18)

- Delaware, Louisiana, Massachusetts, Mississippi, Nebraska, New Mexico, Rhode Island, Wisconsin

Evidence-Based Resources Webpage



Evidence-Based Programs

The Mississippi Department of Education supports school district efforts to invest in proven strategies that have an evidence-base for effectiveness toward improving outcomes for children in our schools. The factors that undergird the MDE's position include, but are not limited to the expectations and requirements bulleted below.

- State law requires that we categorize all programs and activities based on evidence of effectiveness (MS Code 27-103-159).
- Federal law requires that we select and implement evidence-based programs when using federal funds (Every Student Succeeds Act).
- MDE State Board of Education established the expectation that we are to create a world-class educational system that gives students the knowledge and skills to be successful in college and the workforce. To obtain this vision, we must use evidence-based practices/programs with a proven track record of success.

Resources

- [Evidence Provisions within ESSA](#)

["Evidence-Based" Defined](#)
[Strengthening Effectiveness](#)
[ESSA's Four Levels of Evidence](#)
[Identifying Evidence-Based Programs](#)
[Evidence-Based Resources](#)

- **NOW** available on the School Improvement, Academic Office, Federal Programs, and Intervention Services webpage
- Designed to assist schools/districts with identifying and selecting evidence-based resources

HQIM-PL Resources

The screenshot shows the IES WWC 'What Works Clearinghouse' search results page. The page title is 'Find What Works based on the evidence'. A search filter for 'Mathematics' is applied, resulting in 149 results. A table lists various interventions with their evidence of effectiveness, intervention names, grades examined, and a compare button.

Evidence of effectiveness	Intervention	Grades examined	Compare
	Knowledge Is Power Program (KIPP)	5-12	
	Teach for America (TFA)	K-12	
	Cognitive Tutor® Algebra I	8-PS	
	Pre-K Mathematics	PK	
	Building Blocks for Math (SRA Real Math)	PK	
	Lindamood Phoneme Sequencing® (LIPS®)	1-4	
	Green Dot Public Schools	9-12	
	University of Chicago School Mathematics Project (UCSMP) Algebra	8	
	Odyssey® Math	4-8	
	I CAN Learn®	8	
	Everyday Mathematics®	3-5	
	Core-Plus Mathematics	9-10	
	DreamBox Learning	K-1	
	The Expert Mathematician	8	

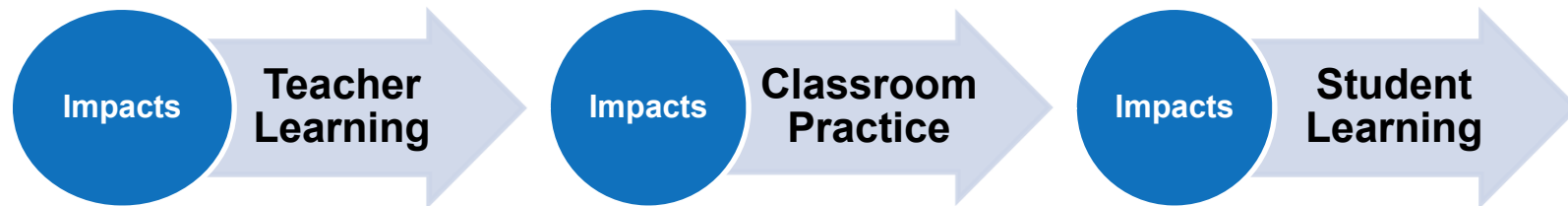
<https://ies.ed.gov/ncee/wwc/>

The cover of the report is yellow and features the title 'Rubric for evaluating reading/language arts instructional materials for kindergarten to grade 5' in white text. It includes the authors' names: Barbara R. Foorman, Kevin G. Smith, and Marcia L. Kosanovich, all from Florida State University. The report is dated January 2017. Logos for the National Center for Education Evaluation and Regional Assistance (NCEE) and the Regional Educational Laboratory Southeast (REL Southeast) are visible at the bottom.

https://ies.ed.gov/ncee/edlabs/regions/southeast/pdf/REL_2017219.pdf

Mississippi's HQIM-PL Theory of Action

If we establish a clear definition of high quality instructional materials (HQIMs), compelling reasons for adopting them, and incentives leading to the use of HQIMs and aligned professional learning for districts and vendors in Mississippi, **then** we will accelerate student growth to proficient or advanced performance for students, as measured by the Mississippi Academic Assessment Program.

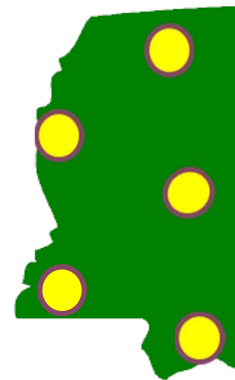


2017-2020 Implementation Plan



STATEWIDE

- Awareness Campaign
- Textbook adoption process and manual revision
- Professional learning delivered to and led by teacher-leaders
- Work with IHL educator prep programs to align expectations
- Launch of HQIM-PL webpage for quick access and information



PILOTS

- Minimum of 18 districts
- Intense MCCRS training
- Review/vet **mathematics** materials and professional learning for MCCRS alignment
- Develop a comprehensive list of mathematics materials and professional development

High Quality Instructional Materials – Professional Learning Summit

Date: March 29, 2018

Location: Jackson Marriott
8:30 am – 4:00 pm

Keynote Speakers:

Dr. David Steiner
Executive Director
Johns Hopkins Institute for Education Policy

Rebecca Kockler
Assistant Superintendent
Academic Content
Louisiana Department of Education

This meeting will focus on the new High Quality Instructional Materials and Professional Learning (HQIM-PL) Initiative developed in collaboration with the Council for Chief State School Officers (CCSSO) and the Mississippi Department of Education, Office of Academic Education. This meeting will feature two guest presenters, who will share research, data and expert advice on why this initiative will lead to increased teacher capacity, improved student outcomes and equitable access for all children in Mississippi public schools.



THE OFFICE OF ACADEMIC EDUCATION PRESENTS

Introduction to High-Quality Instructional Materials and Professional Learning Initiative

March 29, 2018 ▶ 8:30 am – 4:00 pm

Marriott Hotel, 200 East Amite Street, Jackson

Registration: <http://www.msreservices.com/quarterly-curriculum-coordinator>

*A team of two from each district should register for this event. The teams should consist of the Superintendent (or designee) and the Curriculum Coordinator.



REBECCA KOCKLER
Assistant Superintendent of
Academic Content, Louisiana
Department of Education

With a focus on empowering local educators, Rebecca Kockler has created a comprehensive academic support model that provides teachers, principals, and districts unique resources and direct support to integrate assessments, curriculum, and teacher evaluation. This includes implementing a nationally recognized curricular and assessment review process, founding an advanced principal fellowship program, and training a cohort of over 5,000 teacher leaders each quarter.



DR. DAVID STEINER
Executive Director of the
Johns Hopkins Institute for
Education Policy

David Steiner currently serves as a member of the Maryland State Board of Education and the Maryland Commission for Innovation and Excellence in Education. As New York State Commissioner, Dr. Steiner took a lead role in the State's successful \$700 million Race to the Top application to support the redesign of state standards, assessments, and teacher certification requirements. His insistence on including major funding for curricula in that grant led to the launch of EngageNY, the nation's most consulted on-line curriculum resource.

Questions?