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# *Professional Learning* Menu of Services

2019 -2020

**Office of Teaching and Learning**

624 South President Street

Jackson, MS 39202

*Kymyona Burk, Ed.D., Executive Director*

# Early Childhood: K – 3<sup>rd</sup> grade

Professional Learning Offerings	Participants	Duration
<p><b>Reading is Fundamental: It's Fun and Mental!</b> This engaging session is designed for Pre-K-2<sup>nd</sup> general educators, exceptional educators, interventionists, and other stakeholders with a vested interest in early childhood literacy. Utilizing a multi-sensory approach, participants will explore evidence-based strategies and resources in the foundational skills of phonemic awareness and phonics which are critical to reading success.</p>	Pre-K Teachers Kindergarten Teachers	60 minutes
<p><b>Standards and Data and Routines, Oh My! Implementing Effective Learning Centers in a Differentiated Classroom</b> This interactive session is designed for K-3<sup>rd</sup> teachers and features research-based resources and strategies for facilitating hands-on learning experiences in small-group work stations. Participants will learn center procedures and organizational systems; examine instructional routines and activities used at the teacher table during centers; explore center activities that are aligned to the Mississippi College- and Career-Readiness Standards; and, discuss how to differentiate instructional strategies across the content areas.</p>	K-3 <sup>rd</sup> Teachers EE Teachers Instructional Coaches Interventionists Teacher Assistants	90 minutes
<p><b>Differentiated Instruction in Today's Classroom: Promoting Equity in Education</b> Attendees will develop a working definition of differentiated instruction, examine the theoretical basis of differentiated instruction, explore the variables of curriculum and learning environment, discuss misconceptions related to the widely used educational term, and share research-based instructional strategies for academically inclusive classrooms.</p>	K-3 <sup>rd</sup> Teachers EE Teachers Instructional Coaches Interventionists	2 hours
<p><b>Data Analysis PLCs</b> Grade-level and/or content area professional learning communities will analyze the data for BOY, MOY, and EOY screeners, diagnostic assessments, and progress monitoring tools. Upon analysis, participants will collaborate to identify ELA and Math needs, implement instructional practices that meet students' needs across all tiers of instruction, and organize intervention groups by instructional need.</p>	Pre-K-3 <sup>rd</sup> Teachers Instructional Coaches Interventionists	60 minutes
<p><b>Standards Aligned Lesson Planning PLCs</b> Attendees will participate in regular professional learning communities to plan effective units and lessons using the Mississippi College- and Career-Readiness Standards, the JPS lesson plan template, and the 5E Instructional Model.</p>	K-3 <sup>rd</sup> Teachers EE Teachers Instructional Coaches Interventionists	60 minutes
<p><b>Learning Walks and Fidelity Checks</b> Building-level administrators will gain expertise in conducting an effective walk-through to observe the implementation of instructional routines and strategies across grade levels and content areas to identify commendations, recommendations and next steps. Participants will also learn how to orchestrate intentional fidelity checks of district and state non-negotiable expectations.</p>	Administrators	60 minutes
<p><b>Best Practices for Increasing Student Academic Achievement</b> In this session, participants will explore instructional best practices and discuss ways to implement anchor charts, interactive word walls, data walls, and learning centers.</p>	K-3 <sup>rd</sup> Teachers EE Teachers Instructional Coaches Interventionists	90 minutes

## Early Childhood: K – 3<sup>rd</sup> grade

Professional Learning Offerings	Participants	Duration
<p><b>The Coaching Cycle</b> Participants will discover the instructional coach's role in building teacher capacity to increase student academic achievement. Attendees will also learn the difference between active and passive coaching; examine forms used to document services and support; and, create a coaching cycle schedule to include professional development, modeling and guided planning, observation and feedback, follow-up, and planning next steps.</p>	Instructional Coaches	2 hours
<p><b>Data-Driven Decision Making using STAR</b> Participants will explore available resources from Renaissance Learning, access STAR reports, and utilize current class and student data to make informed instructional decisions to facilitate academic growth.</p>	K–3 <sup>rd</sup> Teachers EE Teachers Instructional Coaches Interventionists	90 minutes

## Elementary: English/Language Arts

Professional Learning Offerings	Participants	Duration
<p><b>Before you Jump in! Planning vs. Preparation (Module Study)</b> <b>Preparing to Teach a Wit &amp; Wisdom Module</b> In this session, teachers will engage in backward design analysis of a module. Teachers will internalize an approach to module preparation, understand the module's learning goals, and understand how the module will carefully build students' knowledge and skills.</p>	K-5 Teachers	90 minutes
<p><b>Before you jump in! Planning vs. Preparation (Lesson Study)</b> <b>Preparing to Teach a Wit &amp; Wisdom Lesson</b> In this session, teachers will learn how to effectively prepare and teach lessons. Teachers will deepen their understanding of the lesson design, the purpose of each distinct lesson section, how the learning builds over the course of the lesson, how learning builds over a set of lessons, and how lesson-level learning contributes to success on formal assessments.</p>	K-5 Teachers	90 minutes
<p><b>Integrating MAAP questions with Wit &amp; Wisdom Question Sets</b> In this session, teachers will learn how to integrate Mississippi Academic Assessment Program practice items and Wit &amp; Wisdom question sets to ensure students are prepared for state assessments using the Wit and Wisdom Curriculum.</p>	3 <sup>rd</sup> – 5 <sup>th</sup> Grade Teachers	90 minutes
<p><b>Teaching Academic and Rich Vocabulary</b> In this session, K-5 teachers will examine research findings on vocabulary instruction and review effective instructional strategies related to vocabulary instruction.</p>	K-5 Teachers	90 minutes
<p><b>Core Practices</b> In this session, teachers will explore four key practices in the Wit &amp; Wisdom module to help students learn how to read a complex text and communicate their understanding of texts.</p>	K-5 Teachers	90 minutes

## Elementary: English/Language Arts cont'd.

Professional Learning Offerings	Participants	Duration
<p><b>Interactive Anchor Charts and Word Walls</b> Anchor charts and word walls are designed to be interactive tools used to help students improve reading and writing. In this session, teachers will design and teach a lesson using interactive anchor charts and word walls.</p>	K-5 Teachers	90 minutes
<p><b>Using the Mississippi Academic Assessment Program English Language Arts Writing Rubric to Enhance Instruction</b> Using exemplar items, teachers will examine the Mississippi writing rubric and use the rubric to score student responses with the goal of improving student writing skills.</p>	K-5 Teachers	2 hours
<p><b>Data-Driven 101</b> This session is designed to help teachers develop a practice of using data to drive instruction. Teachers will have the opportunity to further their knowledge on the importance of analyzing data, identifying trends found in data, how to identify factors that may motivate student performance, and setting goals based on data.</p>	3 <sup>rd</sup> – 5 <sup>th</sup> Grade Teachers	90 minutes

## Elementary: Mathematics

Professional Learning Offerings	Participants	Duration
<p><b>Best Mathematics Practices</b> In this interactive session, teachers will learn that the Mississippi College- and Career-Readiness Standards (MS-CCRS) are the foundation for mathematical thinking and practice for students as well as guidance that helps teachers modify their classrooms to approach teaching in a way that develops a more advanced mathematical understanding. Mathematics teachers will leave the session with a guide to create a more complex learning experience that can be applied to everyday life.</p>	K-5 Teachers	2 hours
<p><b>Understanding Rich Mathematics Tasks</b> In this session, teachers will learn how to introduce accessible concepts for all learners, connecting mathematics to real life tasks and applications, multiple approaches and representations, and encouraging collaboration and discussion.</p>	K-5 Teachers	3 hours
<p><b>Facilitating Mathematics Workstations</b> In this session, teachers will learn how to engage students and strengthen their deficit areas with the use of standardized workstations. Teachers will leave this interactive session with tools and strategies to ensure that workstations are a success in the classroom.</p>	3 <sup>rd</sup> – 5 <sup>th</sup> Grade Teachers	2 hours
<p><b>Domain Specific - Understanding Fractions</b> During this session, mathematics teachers will examine and define fractions as numbers, emphasizing magnitude and equivalence, enhance their ability to generate a variety of representations and use reasoning strategies to compare and order fractions. Mathematics teachers will explain key mathematical ideas such as equivalence, and solve problems using a variety of representations.</p>	4 <sup>th</sup> – 5 <sup>th</sup> Grade Teachers -5 teachers	3 hours
<p><b>Fostering Student Mathematics Discourse</b> During this session, mathematics teachers will learn the importance of their role in advancing students through the levels of mathematical discourse and facilitating meaningful mathematical discourse, which is one of the eight teaching practices for effective teaching and learning of mathematics.</p>	K-5 Teachers	3 hours

## Elementary: Mathematics cont'd.

Professional Learning Offerings	Participants	Duration
<p><b>Motivating Students to Achieve</b> During this session, teachers will learn how their behavior, teaching style, and content structure all contribute to student motivation. Teachers will also learn about intrinsic and extrinsic motivation and how to properly motivate students to achieve success.</p>	K-5 Teachers	3 hours
<p><b>Implementing Instructional Technology Within the Mathematics Classroom</b> During this session, teachers will learn how to enhance their lessons with the effective use of technology within the classroom in mathematic instruction.</p>	K-5 Teachers	3 hours
<p><b>Domain Specific - Understanding Measurement &amp; Data</b> During this session, mathematics teachers will understand the essential understandings of measurement, understand the development of measurement concepts, and link Mississippi College- and Career-Readiness Standards to measure understanding.</p>	4 <sup>th</sup> – 5 <sup>th</sup> Grade Teachers	3 hours
<p><b>Domain Specific – Understanding Numbers and Operations</b> During this session, mathematics teachers will focus on the conceptual development of students' understanding of multiplication and division, addition and subtraction with a particular emphasis on developing understandings related to a variety of representations of these operations. These include representations of equal-sized groups, rectangular arrays, and area models, as well as representations with number lines, including open number lines; expanded forms; and equations.</p>	3 <sup>rd</sup> – 5 <sup>th</sup> Grade Teachers	3 hours
<p><b>Domain Specific – Algebra Readiness for All Students</b> During this session, teachers will discuss tasks that have the potential to support algebraic reasoning, analyze and discuss algebraic concepts, and link Mississippi College- and Career-Readiness Standards to algebraic understanding.</p>	3 <sup>rd</sup> – 5 <sup>th</sup> Grade Teachers	3 hours

## Elementary: Science

Professional Learning Offerings	Participants	Duration
<p><b>Building the Literacy Connection in Science</b> In this session, teachers will develop a practice of integrating literacy strategies into science instruction. The skills learned will help students with comprehension and support the Science Engineering Practices.</p>	K-5 Teachers	90 minutes
<p><b>Station Rotations in the Science Classroom</b> In this session, teachers will learn how to create stations using the 5E Instructional Model. The teachers will explore the practical ways to schedule, organize, and develop station rotations shaped around the 5E Instructional Model to enhance student learning.</p>	K-5 Teachers	2 hours
<p><b>Integrating Technology into a Science Classroom</b> In this session, teachers will learn how to prepare students to thrive in a global society by creating learner-centered classrooms using technology. The teachers will explore standards-based ways of using technology to bring specific concepts to life and enhance learning in the curriculum.</p>	K-5 Teachers	90 minutes

## Elementary: Science cont'd.

Professional Learning Offerings	Participants	Duration
<p><b>Data Analysis 101 in Science</b>            In this session, teachers will develop a practice of using formative and summative data to drive instruction. Teachers will have the opportunity to further their knowledge on the importance of analyzing data, identifying trends found in data, identifying factors that may motivate student performance, and setting goals based on data.</p>	K-5 Teachers	2 hours
<p><b>All Things PLC: Building Effective Professional Learning Communities</b>            In this session, teachers will explore the Dufour's Model of an Effective Professional Learning Community. Teachers will gain an understanding of how to effectively use PLCs to collaborate and improve student achievement.</p>	K-5 Teachers Instructional Coaches	90 minutes
<p><b>Diving into Mastery of the Mississippi College- and Career-Readiness Standards</b>            In this session, teachers will take a closer look at the MDE and district documents to provide a deeper understanding of the MS-CCRS as they plan for classroom instruction. Teachers will examine how these documents provide a close analysis of the requirements needed for student mastery.</p>	K-5 Teachers	90 minutes

## Elementary: Social Studies

Professional Learning Offerings	Participants	Duration
<p><b>Powerful, Purposeful, Pedagogy in Elementary School Social Studies</b>            In this interactive session, teachers will understand and learn how to use research-based best practices to create lessons in the elementary classroom that are meaningful, integrated, value-based, challenging, and active.</p>	K-5 Social Studies Teachers	60 minutes
<p><b>Sustaining Growth: Using Social Studies to Grow ELA Students</b>            In this session, we will focus on how Social Studies texts can and should be used to help grow students in the ELA classrooms. This session will examine the creation of engaging curriculum that will simulate and excite students in learning. This focus in cross-curricular units will lead to a higher attainment across the curriculum, as well as maintain and grow students' ELA performance.</p>	4 <sup>th</sup> -5 <sup>th</sup> Grade Social Studies Teachers	60 minutes
<p><b>2018 Mississippi College- and Career-Readiness Standards for Social Studies</b>            This interactive session will allow teachers to fully understand how the different content strands in social studies combine to give a clear picture of the past and present. Each strand also gives depth to the social studies curriculum, enabling students to grasp the complexity of events from the past and present and help them acquire critical thinking skills to make informed decisions in the future.</p>	K-5 Social Studies Teachers	60 minutes
<p><b>Cross-Curricular Connections</b>            In this interactive session, teachers will understand that curriculum connections make learning more meaningful for students. Teachers will examine and create cross-curricular planned instruction for a lesson or a unit in order to make a conscious effort to apply knowledge, principles, and/or values to more than one academic discipline simultaneously.</p>	4 <sup>th</sup> -5 <sup>th</sup> grade Social Studies Teachers	90 minutes
<p><b>Station Rotations in the Elementary Social Studies Classroom</b>            In this interactive session, teachers will learn how to create stations using the 5e Instructional Model. The teachers will explore the principal ways to schedule, organize, and develop station rotations to enhance learning.</p>	4 <sup>th</sup> -5 <sup>th</sup> grade Social Studies Teachers	60 minutes

# Middle School: English/Language Arts

Professional Learning Offerings	Participants	Duration
<p><b>Content Session-English Language Arts</b>            In this session, 6<sup>th</sup>-8<sup>th</sup> grade ELA teachers will use recent assessment data and current pacing to examine priority standards and incorporate best practices to create effective lessons (i.e., using the 5 E Learning Model). <i>This session can be tailored to fit the school's specific needs.</i></p>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers ELA Coaches	90 minutes
<p><b>Enhancing Learning Through Formative Assessments</b>            Research on the use of formative assessments has shown that when teachers practice good formative assessment with student participation, both achievement and motivation increase. In this session, 6<sup>th</sup>-8<sup>th</sup> grade ELA teachers will examine the research behind using formative assessments in their classrooms and create a toolbox of formative assessments to support effective classroom instruction.</p>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers ELA Coaches	90 minutes
<p><b>Writing in the MS-CCRS Classroom</b>            Modified from MDE's "Writing in the CCRS Classroom", this interactive session will engage participants in understanding the writing shifts, examining types of "On Demand" writing, creating TDQ writing prompts, and helping students to deconstruct writing prompts.</p>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers ELA Coaches	2 hours
<p><b>Deconstructing the MAAP Writing Rubric</b>            Using MDE's "Blueprint 2.0", 6<sup>th</sup>-8<sup>th</sup> grade ELA teachers will engage in an interactive training to understand the MAAP writing rubric and how to use the rubric for effective writing instruction in the classroom.</p>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers ELA Coaches	2 hours
<p><b>Using Data, Differentiation, and Learning Stations to Impact Student Achievement</b>            In this interactive session, 6<sup>th</sup>-8<sup>th</sup> grade ELA teachers will use data to create learning stations that are aligned to the MS-CCRS and differentiated for students' needs. Participants will learn how to create and facilitate reading, writing, language, and teacher-led stations using the four keys to effective learning stations: establishing, communicating, and practicing procedures; grouping with intention; providing meaningful tasks; and, assessing the impact.</p>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers ELA Coaches	2 hours
<p><b>Introduction to Study Sync: Part 1</b>            In this session, 6<sup>th</sup>-8<sup>th</sup> grade ELA teachers will be provided an overview of the online site and resources, including grade-level units aligned to the pacing guide, text library, and assessment resources.</p>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers ELA Coaches	90 minutes
<p><b>Navigating Study Sync Resources to Create Highly Engaging and Effective Lessons: Part 2</b>            In this session, 6<sup>th</sup>-8<sup>th</sup> grade ELA teachers will use the online resources of <i>Study Sync</i> to create engaging and effective lessons that are aligned to the MS-CCRS and support the 5 E Learning Model.</p>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers ELA Coaches	2 hours
<p><b>Taking a Deep Dive into the MS-CCRS: Using the Standards Roadmaps</b>            The roadmaps were created to be clear about what must be taught and at what depth to reflect the MS-CCRS for 6<sup>th</sup>-8<sup>th</sup> ELA. In this session, participants will engage in using the standards roadmaps to build their proficiency with the reading, writing, and language standards. Participants will gain an understanding of the MS-CCRS through the instructional notes, which unpack the standards by outlining what the students should be able to know and do; the common misconceptions that may prevent students from mastering the standard with examples of how the teacher can address the misconception; and, the research-based best practices for helping students make meaning of the standards (before, during, and after instruction).</p>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers ELA Coaches	3 hours
<p><b>Access for All</b>            In this session, participants will examine the <i>Access for All Guide</i> created by MDE to "...aid in providing quality classroom instruction for all students, including general education students and students with disabilities who receive instruction in general education settings". Participants will gain a plethora of strategies that will support</p>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers (0-3 years), ELA Coaches	90 minutes

## Middle School: English/Language Arts cont'd.

students who show deficits in academics, physical abilities, speech/language, social/emotional, behavioral, and organizational skills.		
Professional Learning Offerings	Participants	Duration
<b>Research-Based Strategies for Improving Literacy Instruction</b> In this interactive session, participants will use evidence-based metacognitive strategies and reciprocal teaching methods to improve student fluency, vocabulary and comprehension. In addition, participants will learn how to provide effective feedback, build a student-centered classroom, and use effective reading interventions to improve student motivation, engagement, and achievement.	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Teachers (0-3 years)	2 hours
<b>The ABC's of Coaching: Part 1*</b> Modified from an MDE session, this is the first installment of an interactive book study into Thomas Crane's coaching paradigm. This session will cover Part One: "The Heart of the Transformational Coaching Process". <b>Participants will need a copy of the book, <i>The Heart of Coaching</i>.</b>	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Coaches (0-3 years)	3 hours
<b>The ABC's of Coaching: Part 2 (Bring copy of The Heart of Coaching)</b> Modified from an MDE session, this is the second installment of an interactive book study into Thomas Crane's coaching paradigm. This session will cover Part Two: "The Heart of the Transformational Coach".	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Coaches (0-3 years)	2 hours
<b>The ABC's of Coaching: Part 3 (Bring copy of The Heart of Coaching)</b> Modified from an MDE session, this is the third session of an interactive book study into Thomas Crane's coaching paradigm. This session will cover Part Three: "Creating a High-Performance Coaching Culture."	6 <sup>th</sup> – 8 <sup>th</sup> grade ELA Coaches (0-3 years)	90 minutes

## Middle School: Mathematics

Professional Learning Offerings	Participants	Duration
<b>Best Mathematics Practices</b> In this interactive session, teachers will learn that the Mississippi College- and Career-Readiness Standards (MS-CCRS) are the foundation for mathematical thinking and practice for students as well as guidance that helps teachers modify their classrooms to approach teaching in a way that develops a more advanced mathematical understanding. Mathematics teachers will leave the session with a guide to create a more complex learning experience that can be applied to everyday life.	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	2 hours
<b>Understanding Rich Mathematics Tasks</b> In this session, teachers will learn how to introduce accessible concepts for all learners, connecting mathematics to real-life tasks and applications with multiple approaches and representations and encouraging collaboration and discussion.	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	3 hours
<b>Facilitating Mathematics Workstations</b> In this session, teachers will learn how to engage students and strengthen their deficit areas with the use of standardized workstations. Teachers will leave this interactive session with tools and strategies to ensure that workstations are a success in the classroom.	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	2 hours
<b>Domain Specific - Understanding Fractions</b> During this session, mathematics teachers will examine and define fractions as numbers emphasizing magnitude and equivalence, enhance their ability to generate a variety of representations and use reasoning strategies to compare and order fractions. Mathematics teachers will explain key mathematical ideas such as equivalence and solve problems using a variety of representations.	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	3 hours

## Middle School: Mathematics cont'd.

Professional Learning Offerings	Participants	Duration
<p><b>Fostering Student Mathematics Discourse</b> During this session, mathematics teachers will learn the importance of their role in advancing students through these levels and facilitating meaningful mathematical discourse, which is one of the eight teaching practices for effective teaching and learning of mathematics.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	3 hours
<p><b>Motivating Students to Achieve</b> During this session, teachers will discuss their influence on student motivation. Teachers will learn how their behavior, teaching style, and content structure all contribute to student motivation. Teachers will also learn about intrinsic and extrinsic motivation and how to properly motivate students to achieve success.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	3 hours
<p><b>Implementing Instructional Technology Within the Mathematics Classroom</b> During this session, teachers will learn how to use of technology within the classroom in mathematic instruction.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	3 hours
<p><b>Domain Specific - Understanding Measurement &amp; Data</b> During this session, mathematics teachers will understand the essential understandings of measurement, understand the development of measurement concepts, and link Mississippi College- and Career-Readiness Standards to measurement understanding.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	3 hours
<p><b>Domain Specific – Understanding Numbers and Operations</b> During this session, mathematics teachers will focus on the conceptual development of students' understanding of multiplication and division, addition and subtraction with a particular emphasis on developing understandings related to a variety of representations of these operations. These include representations of equal-sized groups, rectangular arrays, and area models, as well as representations with number lines, including open number lines; expanded forms; and equations.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	3 hours
<p><b>Domain Specific – Algebra Readiness for All Students</b> During this session, mathematics teachers will discuss tasks that have the potential to support algebraic reasoning, analyze and discuss algebraic concepts, and link Mississippi College- and Career-Readiness Standards to algebraic understanding.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Teachers	3 hours

## Middle School: Science

Professional Learning Offerings	Participants	Duration
<p><b>Content Session-8<sup>th</sup> Grade Science</b> Participants will examine priority standards in their current pacing, and see how to expand science literacy in the classrooms by incorporating the Science Engineering Practices (SEPs) more within their lesson structure.</p>	8 <sup>th</sup> Grade Teachers	90 minutes
<p><b>Centering your Centers in the Science Classroom</b> Participants will explore research-based literacy strategies that can be strengthen in centers. This session will assist teachers in practical ways to schedule, organize, develop, and maintain their science literacy centers using their benchmark data.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Grade Teachers	2 hours
<p><b>Effective Vocabulary &amp; Literacy Strategies in the Science Classroom</b> Participants will explore research-based literacy strategies that will improve vocabulary and comprehension in the science classroom. Participants will review ways to assess students in both science concepts and vocabulary knowledge.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Grade Teachers	3 hours

## Middle School: Science cont'd.

Professional Learning Offerings	Participants	Duration
<p><b>Changing the mindset: Using phenomena to teach our science standards!</b> Participants will dive into sample lessons that show how to obtain mastery of science standards while engaging and preparing the 21<sup>st</sup> century student readiness to be innovative. Participants will also create lessons shaped around current phenomena and case studies.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Grade Teachers	3 hours
<p><b>Data Analysis 101 in Science:</b> In this session, teachers will develop a practice of using formative and summative data to drive instruction. Teachers will have the opportunity to further their knowledge on the importance of analyzing data, identifying trends found in data, how to identify factors that may motivate student performance, and setting goals based on data.</p>	6 <sup>th</sup> -8 <sup>th</sup> Grade Teachers	90 mins
<p><b>Assessing without Obsessing in Science:</b> The new MCCRS for science emphasizes students to use conceptual understanding and science engineering practices to show mastery of the framework. Have they mastered the understanding necessary to demonstrate mastery? Are your students tired of assessments and shut down? In this interactive session, teachers will learn different ways to assess students and obtain vital information to differentiate instruction to improve student achievement.</p>	6 <sup>th</sup> 8 <sup>th</sup> Grade Teachers	2 hours

## Middle School: Social Studies

Professional Learning Offerings	Participants	Duration
<p><b>2018 Mississippi College- and Career-Readiness Standards for the Social Studies</b> This interactive session will allow teachers to fully understand how the different content strands in social studies combine to give a clear picture of the past and present. Each strand also gives depth to the social studies curriculum, enabling students to grasp the complexity of events from the past and present and help them acquire critical thinking skills to make informed decisions in the future.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Grade Teachers	90 minutes
<p><b>Rigor and Relevance to Increase Student Achievement</b> In this session, teachers will examine curriculum and instruction along the two dimensions of higher standards and student achievement. Teachers will be able to monitor their own progress in adding rigor and relevance to their instruction and to select appropriate instructional strategies for differentiating instruction and facilitating higher achievement goals.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Grade Teachers	90 minutes
<p><b>Cross-Curricular Connections</b> In this interactive session, teachers will understand that curriculum connections make learning more meaningful for students. Teachers will examine and create cross-curricular planned instruction for a lesson or a unit in order to make a conscious effort to apply knowledge, principles, and/or values to more than one academic discipline simultaneously.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Grade Teachers	90 minutes
<p><b>Incorporating Effective Literacy Strategies in the Social Studies Classroom</b> In this interactive session, teachers will learn evidence -based approaches for improving vocabulary, comprehension, and writing in social studies classrooms. Also, ways to differentiate lessons will be included.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Grade Teachers	90 minutes
<p><b>Sustaining Growth: Using Social Studies to Grow ELA Students</b> In this session, we will focus on how Social Studies can and should be used to help grow students in the ELA standards in grades 6-8. This session will examine the creation of engaging curriculum that will simulate and excite students in learning. This focus in cross-curricular units will lead to a higher attainment across the curriculum, as well as maintain and grow ELA performance.</p>	6 <sup>th</sup> – 8 <sup>th</sup> Grade Teachers	90 minutes
<p><b>Station Rotations in the Middle School Social Studies Classroom</b> In this interactive session, teachers will learn how to create stations using the 5e instructional model. The teachers will explore the principal ways to schedule, organize, and develop station rotations to enhance learning.</p>	6 <sup>th</sup> – 8 <sup>th</sup> grade teachers	90 minutes

# High School: English/Language Arts

Professional Learning Offerings	Participants	Duration
<p><b>Content Session-English</b>            In this session, 9<sup>th</sup>-12<sup>th</sup> grade English teachers will use recent assessment data and current pacing to examine priority standards and incorporate best practices to create effective lessons (i.e., using the 5 E Learning Model). <i>This session can be tailored to fit the school's specific needs.</i></p>	9 <sup>th</sup> – 12 <sup>th</sup> Grade ELA Teachers ELA Coaches	90 minutes
<p><b>Before You Jump In</b>            In this session, the teachers will unpack standards to identify what students are expected to know, understand, and be able to do as a result of instruction. Also, this session will generate high probability and high intensity to student engagement and mastery of standards.</p>	9 <sup>th</sup> – 12 <sup>th</sup> Grade ELA Teachers ELA Coaches	90 minutes
<p><b>Writing in the CCRS Classroom</b>            Modified from MDE's "Writing in the CCRS Classroom", this interactive session will engage participants in understanding the writing shifts, examining types of "On Demand" writing, creating TDQ writing prompts, and helping students to deconstruct writing prompts.</p>	9 <sup>th</sup> – 12 <sup>th</sup> grade ELA Teachers ELA Coaches	90 minutes
<p><b>Introduction to Study Sync: Part 1</b>            In this session, 9<sup>th</sup> – 12<sup>th</sup> grade ELA teachers will be provided an overview of the online site and resources, including grade level units aligned to the pacing guide, text library, and assessment resources.</p>	9 <sup>th</sup> – 12 <sup>th</sup> grade ELA Teachers ELA Coaches	2 hours
<p><b>Navigating Study Sync Resources to Create Highly Engaging and Effective Lessons: Part 2</b>            In this session, 9<sup>th</sup> – 12<sup>th</sup> grade ELA teachers will use the online resources of Study Sync to create engaging and effective lessons that are aligned to the MSCCRS and support the 5 E Learning Model.</p>	9 <sup>th</sup> – 12 <sup>th</sup> Grade ELA Teachers	1 hour
<p><b>Research-Based Strategies for Improving Literacy Instruction</b>            In this interactive session, participants will use evidence-based metacognitive strategies and reciprocal teaching methods to improve student fluency, vocabulary and comprehension. In addition, participants will learn how to provide effective feedback, build a student-centered classroom, and use effective reading interventions to improve student motivation, engagement, and achievement.</p>	9 <sup>th</sup> – 12 <sup>th</sup> Grade ELA Teachers	90 minutes
<p><b>Progress Monitoring Tools</b>            To monitor the progress of specific students who have been identified as needing extra support(s) – <i>for some students.</i></p>	9 <sup>th</sup> – 12 <sup>th</sup> Grade ELA Teachers (0-3 years)	2 hours
<p><b>Content Session-English</b>            In this session, 9<sup>th</sup>-12<sup>th</sup> grade English teachers will use recent assessment data and current pacing to examine priority standards and incorporate best practices to create effective lessons (i.e., using the 5 E Learning Model). <i>This session can be tailored to fit the school's specific needs.</i></p>	9 <sup>th</sup> - 12 <sup>th</sup> Grade Teachers	2 hours

# High School: Mathematics

Professional Learning Offerings	Participants	Duration
<p><b>Facilitating Mathematics Workstations</b></p> <p>Kathy Dyer, Manager of Innovation and Professional Learning at NWEA states "Teachers learn in educational programs by engaging students with each other and individualizing instruction." The Center for Research on Education asserts that one of the solutions to getting out of this pattern of whole group instruction is the use of rotations and Standardized Workstations. In this training, we will share tools and strategies to ensure your workstations are a success in the classroom.</p>	9 <sup>th</sup> -12 <sup>th</sup> Teachers	2 hours
<p><b>Fostering Student Mathematics Discourse</b></p> <p>During this session, mathematics teachers will learn the importance of their role in advancing students through the levels of mathematical discourse and facilitating meaningful mathematical discourse, which is one of the eight teaching practices for effective teaching and learning of mathematics.</p>	9 <sup>th</sup> -12 <sup>th</sup> Teachers	3 hours
<p><b>Motivating Students to Achieve</b></p> <p>During this session, teachers will learn how their behavior, teaching style, and content structure all contribute to student motivation. Teachers will learn about intrinsic and extrinsic motivation and how to properly motivate students to achieve success.</p>	9 <sup>th</sup> -12 <sup>th</sup> Teachers	3 hours
<p><b>Implementing Instructional Technology Within the Mathematics Classroom</b></p> <p>When technology integration in the classroom is seamless and thoughtful, students not only become more engaged, they begin to take control over their learning. Effective technology integration changes classroom dynamics and encourages student-centered project-based learning. During this session, teachers will explore ways to use technology within the classroom.</p>	9 <sup>th</sup> -12 <sup>th</sup> Teachers	3 hours

# High School: Science

Professional Learning Offerings	Participants	Duration
<p><b>Content Session-Biology I</b></p> <p>In this session, Biology I science teachers will examine priority standards in their current pacing, and see how to expand science literacy in the classrooms by incorporating the Science Engineering Practices (SEPs) more within their lesson structure <i>Tailored to individual schools upon request</i>).</p>	Biology I Teachers ONLY	90 minutes
<p><b>Centering Your Centers in the Science Classroom</b></p> <p>In this interactive session, participants will explore research-based literacy strategies that can be strengthened in centers. This session will assist teacher in practical ways to schedule, organize, develop, and maintain their science literacy centers using their benchmark data.</p>	9 <sup>th</sup> -12 <sup>th</sup> Grade Teachers	2 hours
<p><b>Learning Walk!</b></p> <p>This session is designed for administrators to help support their science teachers in their building to ensure their teachers are supporting the Science Engineering Practices (SEPs). Coordinators will visit MOCK science classrooms and reflect on teaching practices, learning strategies, student interaction, and student engagement. After the Learning Walk is complete, administrators will use the evidence obtained to develop a meaningful plan of support based on the MS CCRS-Science design and intent.</p>	Administrators (C & I)	3 hours
<p><b>Effective Vocabulary &amp; Literacy Strategies in the Science Classroom</b></p> <p>In this interactive session, participants will explore research-based literacy strategies that will improve vocabulary and comprehension in the science classroom. Participants will review ways to assess students in both science concepts and vocabulary knowledge.</p>	9 <sup>th</sup> -12 <sup>th</sup> Grade Teachers	3 hours

# High School: Science cont'd.

Professional Learning Offerings	Participants	Duration
<p><b>Metacognitive Strategies: Teaching our scientists to think about their thinking!</b>            Research shows, that as instructors, we can teach our students to think deeper and to own their thoughts. In this interactive session, teachers will use research-based practices strategically in their lesson design to encourage their students to think critically, be open to other's thinking, and own their own thoughts. Participants will leave ready to become true facilitators of learning and confident in applying learned metacognitive strategies from this training.</p>	9 <sup>th</sup> -12 <sup>th</sup> Grade Teachers	2 hours
<p><b>Changing the mindset: Using phenomena to teach our science standards!</b>            In order prepare the 21<sup>st</sup> century scientists, approaches to science instruction is changing. In this interactive session, participants will dive into sample lessons that show how to obtain mastery of science standards while engaging and preparing the 21<sup>st</sup> century student readiness to be innovative. Participants will also create lessons shaped around current phenomena and case studies.</p>	9 <sup>th</sup> -12 <sup>th</sup> Grade Teachers	3 hours
<p><b>Data Analysis 101 in Science</b>            In this session teachers will develop a practice of using formative and summative data to drive instruction. Teachers will have the opportunity to further their knowledge on the importance of analyzing data, identifying trends found in data, how to identify factors that may motivate student performance, and setting goals based on data.</p>	9 <sup>th</sup> -12 <sup>th</sup> Grade Teachers	90 minutes
<p><b>Assessing without Obsessing in Science</b>            The new MS-CCRS for science emphasizes students to use conceptual understanding and science engineering practices to show mastery of the framework. Have they mastered the understanding necessary to demonstrate mastery? Are your students tired of assessments and shut down? In this interactive session, teachers will learn different ways to assess students and obtain vital information to differentiate instruction to improve student achievement.</p>	9 <sup>th</sup> -12 <sup>th</sup> Grade Teachers	2 hours
<p><b>College Readiness with the ACT: Science</b>            Classroom integration of ACT skills is made easy with skill-based instruction coupled with embedded strategies. During this session, teachers will delve into the ACT content, format, question/problem/answer types, ordering of questions, and personal approaches to each section. This in-depth look at the ACT will provide insight and resources that can be utilized in the classroom.</p>	ACT prep instructors	2 hours

# High School: Social Studies

Professional Learning Offerings	Participants	Duration
<p><b>2018 Mississippi College- and Career-Readiness Standards for the Social Studies</b>            This interactive session will allow teachers to fully understand how the different content strands in social studies combine to give a clear picture of the past and present. Each strand also gives depth to the social studies curriculum, enabling students to grasp the complexity of events from the past and present and help them acquire critical thinking skills to make informed decisions in the future.</p>	K-12 Social Studies Teachers	90 minutes
<p><b>Rigor and Relevance to Increase Student Achievement</b>            In this session, teachers will examine curriculum and instruction along the two dimensions of higher standards and student achievement. Teachers will be able to monitor their own progress in adding rigor and relevance to their instruction, and to select appropriate instructional strategies for differentiating instruction and facilitating higher achievement goals.</p>	9 <sup>th</sup> -12 <sup>th</sup> Grade Social Studies Teachers	90 minutes
<p><b>Understanding your data: US History FIT</b>            During this session, teachers will analyze current benchmark <i>data</i> with the goal of discovering useful information in order to drive instructional decisions.</p>	US History Teachers ONLY	90 minutes
<p><b>Cross-Curricular Connections</b>            In this interactive session, teachers will understand that curriculum connections make learning more meaningful for students. Teachers will examine and create cross-curricular planned instruction for a lesson or a unit in order to make a conscious effort to apply knowledge, principles, and/or values to more than one academic discipline simultaneously. The disciplines may be related through a central theme, issue, problem, process, topic, or experience."</p>	9 <sup>th</sup> -12 <sup>th</sup> grade Social Studies Teachers	90 minutes
<p><b>Incorporating Effective Literacy Strategies in the Social Studies Classroom</b>            In this interactive session, teachers will learn evidence -based approaches for improving vocabulary, comprehension, and writing in social studies classrooms. Also, ways to differentiate lessons will be included.</p>	9 <sup>th</sup> - 12 <sup>th</sup> grade Social Studies Teachers	90 minutes
<p><b>Station Rotations in the High School Social Studies Classroom</b>            In this interactive session, teachers will learn how to create stations using the 5e instructional model. The teachers will explore the principal ways to schedule, organize, and develop station rotations to enhance learning.</p>	9 <sup>th</sup> -12 <sup>th</sup> grade Social Studies Teachers	90 minutes

# Elementary – High School: Technology

Professional Learning Offerings	Participants	Duration
<p><b>Using the Interactive SMART Panel</b> Participants will learn the basics of how to use their interactive SMART panel. Topics include connecting a device to the panel, basic troubleshooting, basic elements of SMART Notebook, and tips for using the panels to create engaging lessons.</p>	K – 12 Teachers	Scheduled times based on need
<p><b>Using the Interactive Promethean Panel</b> Participants will learn the basics of how to use their interactive Promethean panel. Topics include connecting a device to the panel, basic troubleshooting, basic elements of ActivInspire and ClassFlow, and tips for using the panels to create engaging lessons.</p>	K – 12 Teachers	Scheduled times based on need
<p><b>Introduction to Canvas (high school only)</b> Participants will learn the basics of creating a blended learning environment using the JPS high school LMS, Canvas. Focus will be on organizing content, creating assignments and other content, grading assignments, and using Canvas for collaboration.</p>	K – 12 Teachers	Scheduled times based on need
<p><b>Google Basics</b> Participants will get an overview of the applications available for students and staff in the JPS GSuite domain (jpsms.org). Included in the session are Drive, Docs, Slides, Sheets, and Forms. Additional focus during this session is using the GSuite applications to improve collaboration.</p>	K – 12 Teachers	Scheduled times based on need
<p><b>Google Classroom (elementary and middle school only)</b> Participants will learn the basics of creating a blended learning environment using the JPS elementary and middle level LMS, Google Classroom. Included in this session are creating classes and enrolling students, creating, managing, and grading assignments, and the use of extensions and applications to expand the capability of Google Classroom. <b>(Schools must receive Google Basics before this class can be scheduled.)</b></p>	K – 8 Teachers	Scheduled times based on need
<p><b>Chromebook Orientation</b> This course is designed for schools receiving Chromebooks for the first time. This is a required session for first time delivery of carts and devices. Topics include logging in with Google and Clever (elementary), use and care of the Chromebook, the differences between Chromebook and full laptop, and the use of applications and extensions.</p>	K – 12 Teachers	Scheduled times based on need
<p><b>ArcGIS for Educators</b> Participants will learn how to create powerful learning use the free, online Geographic Information System (GIS) platform. Teachers in grades K-12 can learn how to use existing data sets or locally collected data to create projects that teach students how to visualize data and think about their environment. This is a particularly powerful tool for science and social studies teachers as they help students learn the critical thinking skills needed to achieve higher rates of proficiency on MAAP assessments.</p>	K – 12 Teachers	Scheduled times based on need
<p><b>Digital Citizenship and Cyber Safety</b> Participants will learn how to use the JPS lessons developed for students in grades K-12 to be safe online, as well as how to recognize and report bullying behavior. Time is also spent learning how teachers at all levels can teach students how to safely, correctly and legally use internet resources.</p>	K – 12 Teachers	Scheduled times based on need



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