

**Session Title:** Project Based Learning in the Secondary Classroom: Engaging Students Through Collaboration

**Presenter:** Daniel Parrish

**PD Overview:** This professional development session will guide participants on a journey into project based learning in the secondary classroom. Teachers will engage in small collaborative groups to design an outline for a specific PBL lesson that can be used in the content classroom in which they teach. Teachers will work in pairs or teams of 3 to plan, design, and build the beginnings of a PBL activity that utilizes cross curricular content so that students become active participants in their learning. Ultimately, the outcome of this session is to provide resources, discussion, and collaboration among the participating educators so that they can foster a sense of collaboration in their classrooms while making the educational space engaging for all.

**Session Title:** Incorporating Simple Coding into Core Subjects

**Presenter:** Haylee Lipe

**PD Overview:** In this interactive, hands-on session, teachers will learn how to incorporate the Code and Go Mouse into their own curriculum to reinforce students' computer science skill of basic block coding.

**Session Title:** Developmentally Appropriate Practice for Early Childhood Teachers

**Presenter:** Cara Buffington

**PD Overview:** In this session, teachers will learn new research that underscores the importance of social and cultural contexts of development and elevates the need for active engagement through play, exploration, and inquiry in ways that support the whole child.

**Session Title:** Using the MS Early Learning Guidelines and Early Learning Standards

**Presenter:** Cara Buffington

**PD Overview:** This session offers A review of the guidelines and standards for the implementation of best practices in early childhood classrooms to meet the developmental needs of young students.

**Session Title:** A Different Approach to Differentiation

**Presenter:** Ashley Edwards

**PD Overview:** In this session, teachers will learn how differentiation can be done easily, and well, when considering the appropriate factors. Teachers can use the basis of differentiation for remediation with struggling learners, and it can also be used for enrichment purposes. Enrichment doesn't have to be different from remediation, in fact, it shouldn't be.

**Session Title:** What does fluency across grade levels mean in elementary mathematics?

**Presenter:** Dr. Candies Cook

**PD Overview:** The 2016 Mississippi College-and Career Readiness Standards uses the words fluency and fluently throughout the mathematics standards. These words are frequently misunderstood in their meaning. "To be fluent is to flow: Fluent isn't halting, stumbling, or reversing oneself. A key aspect of fluency in this sense is that it is not something that happens all at once in a single grade but requires attention to student understanding along the way." (MS CCRS, 2016, p.19). During this session, elementary math educators will explore the components of fluency and how it aligns vertically from grades kindergarten through fifth grade. We will thoroughly unpack the fluency standards and engage in activities that educators will be able to implement in their classrooms with students.

**Session Title:** How technology can make your classroom life easier

**Presenter:** Jill Knox

**PD Overview:** In this session, teachers will learn all the tips and tricks that will help to make life easier in the classroom. We will discuss technology through google, apple, and ipad. Participants will need their laptop as well as their iPad.

**Session Title:** All About Assessment: From Creation to Evaluation

**Presenter:** Brittany Franks

**PD Overview:** In this session, participants will investigate classroom assessment with an emphasis on formative assessment. They will explore tech tools for assessment as well as a variety of other assessment techniques and ways of gathering and using data from each. Participants will also consider the role that scoring and feedback play in the assessment cycle.

**Session Title:** Mastery Connect: The Assessment One-Stop Shop

**Presenter:** Brittany Franks

**PD Overview:** In this session, participants will explore the uses and benefits of Mastery Connect in the classroom assessment cycle. The session will focus on formative assessment and will take a close look at creating, administering, and analyzing assessments in the MasteryConnect platform. Participants will also consider the role that scoring and feedback play in the assessment cycle and see how each is put into practice with MasteryConnect assessments.

**Session Title:** Schoology Exploration

**Presenter:** Thomas Herrington

**PD Overview:** In this session we will explore different apps and functions within Schoology to help it become a better teaching tool and more than just a test holder and a filing cabinet.

**Session Title:** Using GoFormative to Drive Instruction

**Presenter:** Rebecca Mann

**PD Overview:** Participants in this session will explore formative assessments and how they drive instruction in the secondary classroom. By using the GoFormative platform, participants will learn how to make instructional decisions based on the data collected. Participants will also discuss how data can be used for student groupings, remediation, and enrichment. Participants will leave this session with self-created formative assessments to use in their classrooms.

**Session Title:** College and Career Exploration for grades 6-12.

**Presenter:** Dr. Steve Hurdle

**PD Overview:** This session will introduce platforms and tools all educators can use to help students to think and plan for future education and careers. Any educator who wants to add a CCR component to their instruction would benefit from this PD.

**Session Title:** Apple Classroom

**Presenter:** Haylee Lipe

**PD Overview:** Teachers will learn how to set up and maintain their apple classroom. Teachers will be taught different ways in which Apple Classroom can be a tool in the classroom for more than observation purposes, ie... Document Sharing, Screen Share, Lock Screen, etc. (Teachers will need their MacBook and iPad)

**Session Title: Fun Fridays with Rigor****Presenter:** Marilyn Barnes

**PD Overview:** Fun Friday with Rigor presents strategies and activities that are fun, motivational, and build rigor in student learning. This session will be filled with fun ideas for incorporating academic skills in writing, inquiry, problem solving, collaboration, critical thinking, and reading. What a great way to make learning fun and engaging for all.

**Session Title:** Fluency in the Elementary Classroom**Presenter:** LaJeremy Hughes

**PD Overview:** Fluency is the bridge that connects word recognition to comprehension. In this session, teachers will learn the research behind effective fluency instruction. Beyond research, teachers will learn how to put research into practice by discussing what fluency instruction looks like in the elementary classroom.

**Session Title:** Improving Tier 1 Instruction in the ELA Classroom - Elementary**Presenter:** LaJeremy Hughes

**PD Overview:** How do I get it all in? That's the question heard from reading teachers around the world.. This session is designed to help educators enhance their reading instruction and planning and focus on the components of the ELA classroom that are most important. Participants will learn about evidence-based strategies for teaching comprehension, collecting and giving feedback . Additionally, participants will learn how to structure their instructional day to "get it all in." Participants will leave the session with practical tips and tools to improve their teaching and increase student engagement and achievement in reading. Whether you're a new or experienced teacher, this session will provide valuable insights to help you make a positive impact on your students' literacy development.

**Session Title:** Using Green Screens in the Classroom**Presenter:** Thomas Herrington

**PD Overview:** This session offers a quick how to on using green screens in the classroom. We will discuss how to incorporate the use of green screens to help mastery of different standards. For this session we will use an iOS app called Perfect Video (please download the app prior to the session so we can hit the ground running).

**Session Title:** CPR**Presenter:** Ashley Martin

**PD Overview:** This session will cover basic CPR skills such as learning hands-on CPR and how it can be used as an alternate CPR option instead of mouth to mouth. We will also discuss the Heimlich maneuver and how it can be used on infants, children, and adults. This is a basic understanding course and will not provide CPR certification.

**Session Title:** Seesaw-the in's and out's of everyday use**Presenter:** Erica Oliver**Co-Presenter:** Lainey Kemp

**PD Overview:** Seesaw is an interactive learning management system specifically designed for elementary students. In this session, teachers will see how Seesaw can be utilized in the classroom to enhance instruction and engage students.

**Session Title: Keeping Our Schools Safe Begins With Me**

**Presenter:** Dr. McConnell and Officer Anderson

**PD Overview:** The number of recent school shootings has kept school safety at the top of the minds of parents and school employees. As school officials continue to seek ways to keep students and employees safe, many times they focus only on reactive measures. Though it is important to be prepared if major incidents happen on school campuses, officials must also consider how to prevent them as well. This session will focus on overall school safety and how individual school employees can help prevent incidents and respond properly when needed.

**Session Title: Women's Equalizer: Self Defense**

**Presenter:** Sergeant's Anderson

**PD Overview:**

- Objectively reasonable use of force, the effects and mitigation of survival stress;
- Defending against common grab, hold and strikes while standing;
- Defending against common grab, hold and strikes when the struggle is on the ground;
- Defending against a knife or other sharp instrument attacks;
- Improving their confidence in their ability to defend themselves against an attack.

**Session Title: Makerspace for All**

**Presenter:** Laurie Beth Ellis and Joanne McGehee

**PD Overview:** Promoting creativity and critical thinking skills for all learners by utilizing a makerspace in your classroom.

**Session Title: Student Services and Equity Oh MY!**

**Presenter:** Dr. LaTonya Robinson

**PD Overview:** Discussion of different departments housed in Student Services and the responsibilities of each. Also discussion of what each person's role is and how they can be accessed. Discussion of student centered equity and how it plays a huge role in support.

**Session Title: Coaching Athletic/Activities Coaches**

**Presenter:** Tabitha Beard and Chris Baughman

**PD Overview:** This session will be used to define OSD activities departments expectations, as well as addressing recent issues that have arisen regarding student athletes. We will also cover organizational expectations as well as eligibility and financial requirements.

**Session Title: Trauma-Sensitive Classroom**

**Presenter:** Barbara Wortham

**PD Overview:** The session will explore strategies for creating a trauma-sensitive learning environment. It is based on the book "Fostering Resilient Learners" by Souers and Hall.

**Session Title: Introduction and Overview of the MCJROTC**

**Presenter:** Yoman English

**PD Overview:** MCJROTC: Setting the standard in preparing students to be "Life Ready".

To provide an overview of the MCJROTC Program's objectives, strengths, and organizational structure. This class will highlight how the program enables cadets to develop and improve individual and team leadership, operational planning, coaching/counseling, and communication skills; while building a mental, moral, and physical resilience that prepares our youth for life after high school.

**Session Title:** Best Practice/Universal accommodations

**Presenter:** Toni Bell

**PD Overview:** Ensuring teachers are aware of research based interventions. These interventions can be used with all students.

**Session Title:** "The Devil is in the Details: Concise communications for a big audience."

**Presenter:** Heather Lenard

**PD Overview:** Join Heather Lenard, OSD Director of Communications to brush up on your graphic design and technical writing to deliver clear, concise messaging. HOW you deliver content is far more important than the content itself. This fun session will help you with student and parent communication.

**Session Title:** Positivity Central

**Presenter:** Aimee Brewer and Latonya Smith

**PD Overview:** End of the year blues bringing you down? Do you feel as if you don't know if you were made for this? Even super-teachers lose their mojo! How can we stay positive in the workplace?! Gain a positive perspective from two super-teachers who have been there, done that, and choose to be different!

**Session Title:** Connecting the Cafeteria to the classroom with Nutrition and Gardening

**Presenter:** Janette Clements

**PD Overview:** "Harvesting Healthy Habits" participants will learn how to integrate gardening, cooking, and nutrition education through standards-based lessons, cafeteria connections and food access.

**Session Title:** Planning Content Area Lessons for Newcomer English Learners: Grades 3-12

**Presenter:** Nancy McCurdy

**PD Overview:** This is an introductory work session to help you review a lesson or unit to make them accessible to beginning English Learners. Bring your laptop, your standards and an already made lesson so we determine appropriate classroom supports for beginning English Learners in your content area.

**Session Title:** Safe and Engaged Learning

**Presenter:** Dr. Dana Bullard

**PD Overview:** This session will focus on the teacher's creation of norms, boundaries, and equity parameters within the secondary classroom. By explicitly discussing expectations of how to treat others, how to self-advocate, and how to be academically successful in the class, the students begin to learn the norms in the classroom. I will also model ways to hold students accountable and to support students who are struggling.

**Session Title:** What is Work-Based Learning, and why would students need it?

**Presenter:** Jeff Jones

**PD Overview:** How can a student represent the Portrait of a Graduate if they haven't experienced time in the workforce? Do we, as teachers, know if a student can look a potential employer in the eye, give a firm handshake, and answer basic questions in an interview? Work-based Learning addresses these issues and more head-on, while assisting students with exposure to their chosen pathways.

**Session Title:** Role of the school nurse: A review of childhood medical conditions and complications for teachers and staff

**Presenter:** Nurse Erin Siskey

**PD Overview:** We will cover responsibilities and limits of the role of the school nurse. We will also discuss the most common childhood illnesses encountered in the classroom and the associated complications (diabetes, seizures, asthma and allergies).

**Session Title:** Crime Scene Investigations

**Presenter:** Hardie Meeks & Bo Jones

**PD Overview:** During this session participants will be working through a mini crime scene. We will walk through the steps of processing a crime scene just as the Law and Public Safety students would do. Finally we will explain how core classes are incorporated into not just solving crimes but other CTE programs.

**Session Title:** Working together: Cooperation between Culinary Arts and General Education  
Every moment is a teachable moment.

**Presenter:** Brandon Hughes

**PD Overview:** This PD will mainly focus on what students do in culinary arts and how the culinary standards and general education standards can work hand-in-hand. Any teacher will come away with a better understanding of what culinary arts can do to help reinforce general education and how general education can help to reinforce culinary arts.

**Session Title:** "AI in our Daily Lives

**Presenter:** Misty Whitehead

**PD Overview:** Using Applied Digital Skills with Google, teachers can experience a few of the ways we can use artificial intelligence in our daily lives. (Doesn't include conversations about chatGPT)

**Session Title:** "Hour of AI: Programming with Amazon Alexa"

**Presenter:** Misty Whitehead

**PD Overview:** In this hour of AI, teachers can experience what ECS students get to experience by learning how to program an Amazon Alexa to respond to simple commands. No prior programming experience is necessary.

**Session Title:** "Plant Propagation 101"

**Presenter:** Ken Hearn

**PD Overview:** This session will provide basic information and instruction for starting small seeds and propagating various plants from cuttings. The methods shared during this session are used by professionals in the horticulture industry nationwide. By practicing these techniques, consumers can propagate their favorite plants from the seed of cuttings and avoid paying the high costs associated with department stores and garden centers.  
even years and has competed in FFA events at the national level on numerous occasions.

**Session Title:** “Foundational Resources for Teaching the Holocaust”

**Presenter:** Laura Boughton

**PD Overview:** Teaching about the Holocaust can inspire students to think critically about the past and their own roles and responsibilities today. These foundational resources help develop your approach and find lesson plans for your classroom.

**Session Title:** “Teaching the Holocaust with Primary Sources”

**Presenter:** Laura Boughton

**PD Overview:** Using primary sources in the classroom is a universal curriculum requirement and encourages students to think critically about how and why the Holocaust happened. Learn how to introduce material culture using Museum lessons that contain artifacts and use the collections search to educate students about this history.

**Session Title:** Literacy for English Learners

**Presenter:** Sandra Elliott

**PD Overview:** This session will focus on how the Science of Literacy for ELs has to go beyond the 5 components of reading instruction.

**Session Title:** Language Development in Art

**Presenter:** Sandra Elliot and Limeul Eubanks

**PD Overview:** The session will focus on how to build content area knowledge and language development for English Learner students in the Art classroom.

**Session Title:** Active Learning

**Presenter:** Shushan Vardanyan

**PD Overview:** Developmentally Engaging Learning and Teaching Approaches (DELTA) for Math and LA.

**Session Title:** STEM Resources

**Presenter:** Christian Clark

**PD Overview:** This session is about CMSE’s science resources offered at the Center including our planetarium program, STEM Experiences, and science resource library. We seem to currently do much of our STEM outreach with elementary schools, but all of it is applicable to K-12. The topic would be “STEM Resources” and the title can be “Community Partnerships for STEM Resources.” A description would be “The Center for Mathematics and Science Education offers many resources for science educators. Learn about resources such as the Mobile Planetarium Program, STEM Experience field trips, and a science resource check-out program.”

**Session Title:** Learn to use the 3D Printer

**Presenter:** Charley Sabatier

**PD Overview:** Teachers will learn how to use a 3D printer and ways to incorporate this technology into their lessons.

**Session Title:** Standards-Based Learning: Why, what, and how?

**Presenter:** Marni Herrington and Jill Knox

**PD Overview:** In this session, educators will get an inside look at the advantages of standards-based learning. Educators will explore how to make instructional adaptations to better align scoring with standard-level content.

**Session Title:** How Districts Learn To Improve: Integrating Improvement into the Fabric of school systems

**Presenter:** Bradley Roberson

**PD Overview:** How do district leadership teams collectively live the principles of continuous improvement and operationalize improvement work across their organizations from the boardroom to the classroom? In this session, hear how school districts established the infrastructure, practices, and processes to support district-wide improvement with positive results. Participants will be inspired as they learn about how these teams established social learning structures, robust data and measurement systems, and foundational knowledge management to enable rapid, continuous learning and imagine how they might apply their learning to their own context.