

Workshop Session A

Tuesday, 2:00-3:30pm EST

[Introduction to Carnegie Learning Resources](#)

If you are brand new to Carnegie Learning and getting ready to use the Carnegie Learning text resources next year, this will be the place for you! Participants will gain an understanding of the pedagogy behind Carnegie Learning's instructional approach and the resources available to you and your students. Bring your own device to dig into the materials yourself.

Tags: First Year CL, CL, 6-8, 9-12

Sami Briceño, Senior Manager of School Partnerships

[Best Practices in Virtual Learning](#)

Join us as we explore the nuts and bolts of transitioning from your physical classroom to a virtual learning space and discuss ways to set clear expectations and guidelines for your students.

This session is also offered during Workshop Session B.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Mark Christiano, Manager of School Partnerships

[The Leader's Role in Supporting the Shift](#)

Having a clear vision for 21st century math classrooms in your school or district is one thing, but actually bringing that vision to reality is certainly not an easy task. It involves a mindset shift for many of our teachers, students, and parents and is, most days, what seems like an unrelenting journey. In this session, leaders will uncover the power of their role in this journey as an instructional leader and examine some practical tools designed to help them accelerate toward their goal.

Tags: Leadership, K-2, 3-5, 6-8, 9-12,

Kasey Bratcher, VP of Professional Learning

[Planning for All: Backwards Design](#)

Do your assessment results lead to additional reteaching? Are you finding that there just isn't enough time in the year to cover everything? Let's look at an idea of how we could plan in a manner that would help us eliminate this hurdle.

Tags: General, K-2, 3-5, 6-8, 9-12, Data and Assessment (DA)

Ronda Rivera, Manager of School Partnerships

[Number Talks: Building Fluency](#)

A Number Talk is a powerful tool that can be used at ANY grade level. Number Talks help students use number sense and structure to build computational fluency and mental math strategies.

Tags: General, K-2, 3-5, 6-8, 9-12, Mathematics Content (MC), Classroom Strategies (CS)

Sammy Andre, Manager of School Partnerships

[Creating a Collaborative Classroom from the First Day of School](#)

This session is for participants who would like to learn specific strategies to set the collaborative classroom from the first day of school. Attendees will participate in, debrief, and experience activities and structures that I used successfully in my classroom. Walk away with actionable steps to improve collaboration in your classroom!

Tags: General, 6-8, 9-12, Classroom Strategies (CS)
Reggie Revere, Manager of School Partnerships

[Differentiation and Student Choice with Math Menus](#)

This session will center around the principles of the Universal Design for Learning through Math Menus. We will explore differentiation and student choice with Math Menus. We will discuss how to implement menus in your classroom to apply, deepen, and extend all students' understanding.

Tags: General, 6-8, 9-12, Mathematics Content (MC), Classroom Strategies (CS), Equity and Access (EA)
Tarin Barrow, Manager of School Partnerships

[Student Created Goals: Increasing Achievement](#)

Join us in developing strategies to support student goal setting in your classroom. Getting students to use their data to create meaningful and achievable goals in order to increase student achievement. After all, we all have high hopes for our students and want to help them grow in both short and long term achievement.

Tags: CL, General, K-2, 3-5, 6-8, 9-12, Data and Assessment (DA)
Jami Koustik, Senior Manager of School Partnerships

[Make It Stick With Retrieval Practice: The Most Powerful Learning Strategy You're Not Using](#)

When we think about learning, we typically focus on getting information into students' heads. What if, instead, we focus on getting information out of students' heads?

Retrieval practice is a learning strategy where we focus on getting information OUT. During this session, we will dive into the research behind this powerful learning strategy. You will walk away with different ways to use retrieval practice in the classroom and more!

Tags: General, 3-5, 6-8, 9-12, Classroom Strategies (CS)
Erica Buishas, Manager of School Partnerships
Bob Hausmann, Cognitive Scientist

[Hook Them In: The Secret to Engagement](#)

Participants will explore multiple ways of implementing lessons with fun and innovative activities that will HOOK students into the lesson while maintaining engagement and increasing student achievement. Participants will leave this hands-on workshop with various activities to engage all students, promote academic discourse, and assist students with developing a conceptual understanding of each lesson.

This session is also offered during Workshop Session B.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)
Bernard Frost, Former President, South Carolina Leaders of Mathematics Education

[MATHia 101: Get the MATHia Party Started](#)

What should a Carnegie Learning lab look like, sound like and feel like? Come join us for an interactive and informative session that will leave you with a clear picture of a successful lab implementation. Explore MATHia course content and leave with an understanding of how to navigate the MATHia software from a student's perspective, a knowledge of the key features of the MATHia software, and the ability to create an effective Carnegie Learning lab.

Tags: First Year CL, 6-8, 9-12, Classroom Strategies (CS)
Saradhi Saripalli, Manager of School Partnerships

[Best Practices in Virtual Learning](#)

Join us as we explore the nuts and bolts of transitioning from your physical classroom to a virtual learning space and discuss ways to set clear expectations and guidelines for your students.

This session is also offered during Workshop Session A.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)
Mark Christiano, Manager of School Partnerships

[Talk Number 2 Me: The Mindful Mathematics Leader™](#)

Leadership of Self. Lead yourself first. Commit to self-development. School leaders serve as instructional leaders who provide access to various opportunities for authentic professional development for themselves and their staff. Let's explore four key areas of mathematics leadership: 1) What's your personal Mathematics Identity, 2) Employ Contemplative Reflection as a Mindful Leader, 3) Be Brave and Bold to be vulnerable and challenge own assumptions, and 4) Developing a keen Lens to guide teacher planning, professional development, and evaluation.

Tags: Leadership, K-2, 3-5, 6-8, 9-12
Christina Lincoln-Moore, LAUSD Assistant Principal and Talk Number 2 Me™ Founder

[Purposeful Coaching: Defining and Differentiating Support](#)

As an instructional coach, are you being utilized as an agent of change on your campus or in your district? As coaches, we're often asked to wear a plethora of different hats. Come to this session to define the three specific hats that coaches wear most often and to identify how to leverage each one based on the various needs of your teachers. We will consider how a teacher's skill and will impact the approach that you take in your coaching so that you can maximize your impact.

We encourage you to participate in both Purposeful Coaching sessions, but it is not required.

Tags: Leadership, K-2, 3-5, 6-8, 9-12
Jessica Padilla, Director of Professional Learning Programs

[Not All Math Tasks Are Created Equal](#)

Engaging students in worthwhile mathematical tasks is essential for developing conceptual understanding, procedural fluency, and productive habits of mind. Yet, these tasks are the most difficult to implement effectively. Based on the work of the QUASAR project, this session will teach participants about the Levels of Cognitive Demand and how to distinguish between the characteristics and features of high- and low-level tasks. Participants will be given the opportunity to experience the math of select tasks, engage in a task sort and analysis activity, as well as contribute to meaningful conversations...all designed to elicit a better understanding of high-level tasks and their vital role in the math classroom.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS), Equity and Access (EA)
Jasmine Sanders, Manager of School Partnerships

[Looking for Patterns: Developing an Algebraic Mind in Students](#)

Building a foundation of algebraic thinking early on is crucial to a student's success in future mathematics. In this session participants will investigate patterns to create generalizations as well as model and solve real world problems using multiple representations including scenarios, tables, and graphs.

Tags: General, 6-8, Mathematics Content (MC), Classroom Strategies (CS)
Vicky Wood, Manager of School Partnerships

[Multiple Representations that Support Conceptual Understanding](#)

Building deep conceptual understanding before rushing to an algorithm is crucial to long-term student retention and fluency. Through task selection and the questions we ask, multiple representations can be embedded into our lessons on a daily basis. In this session participants will bring the major work of the grade to life through a variety of mathematical representations and leave with a deep understanding of the connections between those representations, how they build to the algorithm, and how important they are in day-to-day mathematics learning.

Tags: General, K-2, 3-5, Mathematics Content (MC)
Peter Carellas, Manager of School Partnerships

[The Power of a Question](#)

The most important tool teachers have at their disposal in the classroom is the questions they ask students on a daily basis. In this session participants will have the opportunity to reflect on the questions they've been asked over the course of the week. Together they will also analyze the purpose and value for various types of questions and craft questions targeted to specific mathematical tasks.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)
Sammy Andre, Manager of School Partnerships

[When Students Do the Thinking: Using the Carnegie Learning Texts Effectively](#)

Empower students to own their thinking. Learn manageable practices and strategies that allow students to take ownership of their mathematics learning. Join us as we explore powerful quality instructional practices designed to maximize student learning opportunities. Participants will engage in a Carnegie Learning lesson as part of this session.

Tags: CL, 6-8, 9-12, Classroom Strategies (CS), Equity and Access (EA)

Lisa Strittmatter, Manager of School Partnerships

[The Power of Vulnerability in the Classroom](#)

Vulnerability is not a weakness, it's our most accurate measure of courage. In this session, we will explore ways to create a space in our schools and classrooms where teachers and students can walk in, take off their layers of armour, be their true authentic selves, stay curious and take risks.

Tags: General, Leadership, K-2, 3-5, 6-8, 9-12, Equity and Access (EA)

Cassie Martin Reynolds, Director of Professional Learning South

Katie Ruff, Lead Mathematics Solutions Specialist

[Hook Them In: The Secret to Engagement](#)

Participants will explore multiple ways of implementing lessons with fun and innovative activities that will HOOK students into the lesson while maintaining engagement and increasing student achievement. Participants will leave this hands-on workshop with various activities to engage all students, promote academic discourse, and assist students with developing a conceptual understanding of each lesson.

This session is also offered during Workshop Session A.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Bernard Frost, Former President, South Carolina Leaders of Mathematics Education

Workshop Session C

Wednesday, 3:15-4:45pm EST

[Teacher's Toolkit 101: The Teacher Side + Reports](#)

To make the most of MATHia in your classroom, teachers need to be able to set up and manage their classes and content. In this session, you'll gain a detailed understanding of how to manage the day-to-day student work within MATHia. We'll explore the teacher side of MATHia (Teacher's Toolkit) and analyze student reports.

Tags: First Year CL, 6-8, 9-12, Data and Assessment (DA)

Michael Morici, Manager of School Partnerships

[Engaging Students in Virtual Lessons](#)

Join us as we discuss ways to move from a traditional classroom space to becoming a facilitator in a virtual learning space. We will explore what an engaging lesson or activity can look like in both synchronous and asynchronous learning spaces.

This session is also offered during Workshop Session E.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Janet Tomlinson, Manager of School Partnerships

[Advanced Educator ONLY: Q&A with the Instructional Design Team](#)

This session is exclusively available to participants attending the Advanced Educator Workshop. Join the authors themselves for a unique opportunity to ask questions and learn more about the why behind Carnegie Learning Resources.

Tags: AEW, 6-8, 9-12,

Courtney Lewis, Senior Manager of School Partnerships

Katie Ruff, Lead Mathematics Solutions Specialist

Sandy Finocchi, Chief Mathematics Officer

Amy Jones Lewis, Director of Instructional Design

[Team Teaching with Station Rotations](#)

In this session, participants will be able to understand the purpose and benefits of station rotations in a math classroom. We will also explore different models of implementation as well as discuss key components of planning for a successful implementation of station rotations.

Tags: General, 3-5, 6-8, 9-12, Mathematics Content (MC), Classroom Strategies (CS),

Reggie Revere, Manager of School Partnerships

Lemario Bland, Manager of School Partnerships

[Using Patty Paper to Build Intuition and Reasoning](#)

Patty paper is one of the most useful tools for helping students develop their understanding of concepts in geometry. By exploring this inexpensive tool, we will see strategies to build intuition, provide access to content, transform the way your students learn, and empower all students to learn math at greater depths.

Tags: CL, General, 6-8, 9-12, Mathematics Content (MC), Equity and Access (EA)

Sarah Galasso, Lead Mathematics Solutions Specialist

[Empowering Students: The Power of Productive Struggle](#)

During this session you'll have the opportunity to experience struggle from a student's perspective. You'll observe multiple facilitation strategies designed to encourage and empower your students to become successful problem solvers.

Tags: General, K-2, 3-5, 6-8, Classroom Strategies (CS)

Jack Crumm, Manager of School Partnerships

[Six Strategies for SPED](#)

In this session, we'll focus on six specific strategies for special education: assessing and advancing questions, contextualizing, using a model, building schema, developing metacognition, and bridging. You'll have the opportunity to see and discuss examples of each strategy in video or lesson transcripts.

Tags: General, K-2, 3-5, 6-8, 9-12, Equity and Access (EA)

Christi Sampson, Master Practitioner

[Supporting & Sustaining MATHia Usage: Accountability, Competitions, and More](#)

How do we get students excited about making progress in MATHia, and hold them accountable for their achievement? We have all asked ourselves this question at some point! Join Mia and Hannah as they share ideas for realistic goal-setting and tracking in MATHia and organize friendly competition at the student, class, grade, and school wide levels. Leave with some concrete plans and takeaways for the coming academic year. Let's make MATHia a part of YOUR school's everyday culture!

Tags: CL, 6-8, 9-12, Classroom Strategies (CS)

Mia N. Arterberry, Manager of School Partnerships

[Opening Up Our Math Instruction: Creating Equitable Access for Our ELL Students](#)

For many educators, the challenge of bringing language and math instruction together is a relatively new one. Many math teachers who don't see themselves as language instructors are now responsible for providing effective math instruction to ELLs. This session will focus on the EL experience, myths surrounding ELs and mathematical abilities, as well as strategies and scaffolds that maintain the cognitive demand for a wide range of language abilities.

Tags: General, 6-8, 9-12, Equity and Access (EA)

Albert Madrigal, Manager of School Partnerships

[Talk Number 2 Me: The Ratio Table™](#)

The ratio table is a powerful tool for students to shift from additive thinking to multiplicative, master the distributive property, partial products/quotients, and proportional reasoning by exploring multiplication, division, fraction real world problems, crafting multiple solutions within contexts, and providing proofs of students' own thinking. Students with true number sense look at the numbers first to decide on a strategy and tool to employ. The numbers will speak to them and the strategy will emerge that is best suited for the numbers and student.

Tags: General, 3-5, 6-8, Mathematics Content (MC)

Christina Lincoln-Moore, LAUSD Assistant Principal and Talk Number 2 Me™ Founder

[Providing Feedback in a Virtual Setting](#)

Join us as we explore ways to communicate with students. Learn about tools that are available to help you analyze student learning and provide formative feedback in both synchronous and asynchronous learning spaces.

This workshop is also offered in Workshop Session D.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Hannah Sneed, Manager of School Partnerships

[Carnegie Learning Lesson: See It In Action](#)

Through video analysis, engagement in mathematics tasks, and discussions, participants of this session will be given an opportunity to experience a Carnegie Learning lesson through the lens of a student as well as that of a teacher. Our time together will be spent exploring various teacher facilitation strategies and discussing their potential impact on student learning. Ultimately, participants will walk away understanding what a Carnegie Learning lesson should look like, sound like, and feel like...whether in a virtual setting, face-to-face, or both!

Tags: First Year CL, 6-8, 9-12, Classroom Strategies (CS)
Jasmine Sanders, Manager of School Partnerships

[Providing Feedback in a Virtual Setting](#)

Join us as we explore ways to communicate with students. Learn about tools that are available to help you analyze student learning and provide formative feedback in both synchronous and asynchronous learning spaces.

This workshop is also offered in Workshop Session C.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)
Hannah Sneed, Manager of School Partnerships

[Creating Teacher Leaders: Job Embedded Experiences to Build Model Classrooms](#)

Participants will explore research around adult learning and John Medina's Brain Rules, define job-embedded support and what that currently looks like in your school or district, and reflect on his or her own job-embedded experiences and practices and whether that was a positive or negative experience. Lastly participants will create next steps for job-embedded learning activities in their school/district.

Tags: Leadership, K-2, 3-5, 6-8, 9-12,
Kristine Hobough, Director of Professional Learning North

[Purposeful Coaching: Facilitating the Coaching Cycle](#)

As an instructional coach, do you constantly feel inundated by the number of things that you could focus on with your teachers? As coaches, we constantly feel the pressure to increase our impact. Come to this session to explore how the coaching cycle can help you increase your focus with teachers. We will practice each phase of the coaching cycle to help you create purpose and goals around the work you do every day. Throughout this session, we will connect back to the three specific hats that coaches wear and the skill and will levels of your teachers.

We encourage you to participate in both Purposeful Coaching sessions, but it is not required.

Tags: Leadership, K-2, 3-5, 6-8, 9-12,
Jessica Padilla, Director of Professional Learning Programs

[Planning a Virtual Family Math Night](#)

Come experience what a Family Math Night can feel like for your students and their families in a virtual environment. Family Math Nights give families a chance to learn games and activities they can play with each other that build students' fluency and reasoning while also being fun. Both students and parents feel challenged as they compete with each other and also work together to complete activities. Work with other teachers to outline a plan for creating and conducting a Math Night at your own school.

Tags: General, K-2, 3-5, 6-8, Mathematics Content (MC)

Tarin Barrow, Manager of School Partnerships

[Utilizing Literacy Strategies to Build Equitable Access in Math Class](#)

Communication is critical to building understanding in math. Whether it is reading others' thoughts or writing their own, written text is one way to ensure that all students are given a voice to share their thinking. Empowering that voice promotes equity and gives value to what all students have to say. We will look at reading and writing strategies to develop a deeper mathematical understanding, give all students a voice, and engage in math practices.

Tags: General, 6-8, 9-12, Classroom Strategies (CS), Equity and Access (EA)

Sarah Galasso, Lead Mathematics Solutions Specialist

[Talk Moves to Support Mathematical Discourse](#)

Engaging students in meaningful mathematical discussions is identified as an essential component of students learning mathematics. NCTM states "Effective teaching of mathematics facilitates discourse among students to build shared understanding of mathematical ideas by analyzing and comparing student approaches and arguments." In this session participants will first experience mathematical discourse as learners and then analyze the experience through a teacher lens. Resources for supporting math discourse will be included.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Chariese Crawford, Manager of School Partnerships

[Edulastic: Tech-Enhanced Assessments](#)

Assessment tools easy enough for classroom formative assessments, yet sophisticated enough for common interim and benchmark assessments that mirror state tests. Come see how Edulastic will free you from grading stacks of papers, provide true differentiated data, and allow you to give immediate feedback to your students. Note: Edulastic is a free tool. Carnegie Learning teachers have additional access to the Carnegie Learning assessments through Edulastic.

Tags: CL, General, K-2, 3-5, 6-8, 9-12, Data and Assessment (DA)

Michael Morici, Manager of School Partnerships

[When the Tricks Don't Stick, Use Phases That Work](#)

Join us to experience the progression of grade level standards through the special education lens and learn how the three phases of math development can be utilized for students with disabilities. You'll leave with a better understanding of why the "tricks don't stick" and how to build student understanding by moving through the phases of concrete, representational, and abstract.

Tags: General, 6-8, 9-12, Mathematics Content (MC), Classroom Strategies (CS), Equity and Access (EA)
Christi Sampson, Master Practitioner

[Start Your School Year Strong: Establishing Growth Mindset Math Classroom Norms](#)

One of the wonderful things about being a teacher is that each new school year presents an opportunity for a fresh start. In this session, we will be exploring norms for the math classroom specifically. Participants will be asked to discuss and evaluate recommendations and then create a personalized set of norms that can be implemented in their own classrooms to start next school year.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS), Equity and Access (EA)
Mark Christiano, Manager of School Partnerships

[Restore Wonder to Class & Bring Peace to Your Pacing](#)

Teachers feel a constant urgency to cover all the material. Students feel that anxiety and lose interest with the beauty and discovery of mathematics. Come discuss methods to restore wonder, interest, and patience into the math classroom.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)
Matt Vaudrey, Math Enthusiast
Patricia Vandenberg, Math Teacher

Workshop Session E

Thursday, 3:15-4:45pm EST

[Carnegie Learning Lesson: Plan It Together](#)

Join us for a hands-on, interactive session focused on making the most of your lesson planning with Carnegie Learning resources. Discover a process designed to help you be intentional about planning each and every lesson in a way that won't have you spending entire weekends doing so.

Tags: First Year CL, 6-8, 9-12, Mathematics Content (MC), Classroom Strategies (CS)
Vicky Wood, Manager of School Partnerships

[Engaging Students in Virtual Lessons](#)

Join us as we discuss ways to move from a traditional classroom space to becoming a facilitator in a virtual learning space. We will explore what an engaging lesson or activity can look like in both synchronous and asynchronous learning spaces.

This session is also offered during Workshop Session C.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)
Janet Tomlinson, Manager of School Partnerships

[Got Teacher Buy-In?](#)

Consider this scenario, “We have a great new program! Everyone will love it! It’s full of research and best practice!”And when you show it to teachers we hear crickets. Just because they aren’t buying in, doesn’t mean it will fail, we just have to revise our approach. This session will provide you with the tools and questions for reflection to gain buy-in momentum and increase the fidelity of implementation within your building.

Tags: General, Leadership, K-2, 3-5, 6-8, 9-12,
Cassie Martin Reynolds, Director of Professional Learning South

[Advanced Educator ONLY: Q&A with MATHia Experts](#)

This session is exclusively available to participants attending the Advanced Educator Workshop. Join us for a unique opportunity to ask questions and learn how to use MATHia more effectively.

Tags: AEW Only, 6-8, 9-12,
Courtney Lewis, Senior Manager of School Partnerships
Katie Ruff, Lead Mathematics Solutions Specialist
Amy Jones Lewis, Director of Instructional Design
Bob Hausmann, Cognitive Scientist
Jamie Sterling, VP of Product, Math

[Effectively Using Algebra Tiles in the Middle School Mathematics Classroom](#)

In this hands-on workshop, participants will engage in modeling expressions and equations with algebra tiles. The use of this hands-on manipulative is to develop concrete understanding of the abstract idea of Algebraic Thinking. Through the use of algebra tiles and discussion, teachers will learn how to scaffold students learning to develop the connection between the concrete Algebra Tile models and the abstract symbolic manipulation.

Tags: General, 6-8, Mathematics Content (MC)
Ronda Rivera, Manager of School Partnerships

[Effectively Using Algebra Tiles in the High School Mathematics Classroom](#)

In this hands-on workshop; participants will engage in modeling with algebra tiles in order to develop understanding of math concepts from solving equations to factoring. Through the use of algebra tiles and discussion, teachers will learn how to scaffold students' learning. Connections will be made between the concrete Algebra Tile models and the abstract symbolic manipulation.

Tags: General, 9-12, Mathematics Content (MC)
Sue Hamilton, Senior Manager of School Partnerships

[Rethinking Skills Practice in the Elementary Classroom](#)

When you think of Skill Practice, what comes to mind? Worksheets? Hundreds of practice problems? Usually this also means making LOTS of copies. Come explore some different ideas for Skill Practice that will not only ENGAGE your students and allow them to practice vital skills, but will also reduce the need to kill thousands of trees in the process.

Tags: General, K-2, 3-5, Mathematics Content (MC), Classroom Strategies (CS)
Peter Carellas, Manager of School Partnerships

[The Blended Solution: Connecting MATHia and the Textbook](#)

Are your students having challenges connecting MATHia problems to textbook problems? Are your students having trouble applying what they have learned in the classroom to tasks in MATHia? Come join us to get tips on connecting Learning Individually (MATHia) with Learning Together (textbook).

Participants should have prior knowledge of implementing MATHia and the Textbook. (This is not a MATHia beginner session).

Tags: CL, 6-8, 9-12, Classroom Strategies (CS)

Lemario Bland, Manager of School Partnerships

[Keep It, Change It, Rearrange It: Differentiating Tasks](#)

Have you ever found it challenging to formatively assess students with a variety of needs? Come to this session to deepen your understanding of different student needs, build your capacity in developing differentiated tasks.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS), Equity and Access (EA)

Saradhi Saripalli, Manager of School Partnerships

[LiveLab in Action](#)

Now that you have your students on and working through MATHia, how do you determine who needs your assistance? LiveLab is a live facilitation tool that provides real-time actionable data to teachers so you can easily manage students working in MATHia. In this session, you'll learn about each of the dynamic indicators, alerts, and notifications and how to best use them.

Tags: CL, 6-8, 9-12, Data and Assessment (DA)

Jami Koustik, Senior Manager of School Partnerships

[Culturally Responsive Classroom Management](#)

You might have heard the phrase culturally responsive lately as it relates to instruction, but what does it mean when applied to classroom management? In this session, you'll learn the elements that make up Culturally Responsive Classroom Management (CRCM), the importance of relationships and culture within the classroom to establish routines and discipline, and how CRCM has to do with a philosophical outlook towards one's approach to teaching.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS), Equity and Access (EA)

Albert Madrigal, Manager of School Partnerships

[How to Survive Teaching Mathematics in 2020 and Beyond](#)

With technology advances, teaching conceptually, and various needs, teachers are "burnt out" and leaving the profession. Our own words, attitudes and actions tend to trickle down into the classroom and cause unnecessary stress. Great motivational and managerial strategies to minimize stress teachers face daily in the math classroom will be shared to inspire teachers and leaders.

This session is also offered during Workshop Session F.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Bernard Frost, Former President, South Carolina Leaders of Mathematics Education

[Assessing Student Learning in a Virtual Setting \(2 Rooms\)](#)

Join us as we discuss the challenges inherent in assessing online learning and the types of activities and performance tasks that might be better suited for providing evidence of your students' learning.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Room 1: Erica Buishas, Manager of School Partnerships

Room 2: Sami Briceño, Manager of School Partnerships

Room 2: Janet Tomlinson, Manager of School Partnerships

[Using Leadership Reports: Establish Good Habits Now for Success Later](#)

How are you driving change in your mathematics classrooms? Do you have structures in place that motivate teachers to utilize MATHia in such a way to optimize student achievement? We will explore how to develop manageable habits for incorporating Leadership Reports and other MATHia report data into your daily and weekly routines to instill a culture of accountability and success for both teachers and students.

Tags: CL, Leadership, 6-8, 9-12, Data and Assessment (DA)

Traci Phillips Roach, Senior Customer Success Manager

[Facilitating Peer Observations](#)

Peer observation is about teachers observing each others' practice and learning from one another. It aims to support the sharing of best practice and build awareness about the impact of your own teaching. Join this session to learn more about the WHY and HOW of facilitating peer observations and how you may use this with your staff to promote worthwhile, in-house professional development.

Tags: Leadership, K-2, 3-5, 6-8, 9-12,

Peter Carellas, Manager of School Partnerships

[Engaging in a Topic Planning Process with Carnegie Learning Resources](#)

Join this session to engage in a collaborative topic planning process using Carnegie Learning resources. We'll get started with a topic from Module 1, and you'll leave this session with a process that you can take back and replicate at your campus/district throughout the year.

Tags: CL, 6-8, 9-12, Mathematics Content (MC)

Chariese Crawford, Manager of School Partnerships

[Muffin Man in the Moon! Lessons to Develop Proportional Reasoning Skills](#)

Representing Ratios and Proportions using Tables, Double Number Lines and Graphs to develop conceptual understanding of Ratio and Rate reasoning.

Tags: General, 6-8, Mathematics Content (MC), Classroom Strategies (CS)

Jack Crumm, Manager of School Partnerships

[The Collaborative Classroom: Strategies and Beyond](#)

Set the stage for an outstanding school year by establishing routines and expectations from day one for a collaborative classroom. Come learn and discuss successful strategies designed to promote a productive learning environment. Walk away with a specific action plan to implement in the fall.

Tags: General, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Lisa Strittmatter, Manager of School Partnerships

[Carnegie Learning "Notetaking:" Embracing Consumable Texts](#)

HOORAY for consumables! No more "low toner" notifications, asking for paper donations, or frantically trying to unjam the machine 5 minutes before the start of the school day. But how can we make sure that students are still owning their own learning, actively participating, and getting all the benefits of traditionally "taking notes" without using unnecessary time or other resources?! Come learn how you can engage students with the Carnegie Learning text, strategically incorporate text annotations, and truly embrace the #ConsumableLove.

Tags: CL, 6-8, 9-12, Classroom Strategies (CS)

Mia N. Arterberry, Manager of School Partnerships

[Making Mathematics Accessible: Strategies for Special Populations](#)

How do we make mathematics accessible to ALL students? We need to acknowledge and address the areas that affect student learning in mathematics. Only then can we utilize a variety of strategies to meet the needs of every student.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Kristine Hobaugh, Director of Professional Learning North

[Motivating Students Using the Teacher's Toolkit Reports](#)

This session will allow current MATHia users an opportunity to dig deeper into the teacher toolkit reports. Strategies for using data to increase students' learning will be shared. There will be opportunities to share and refine your strategies in the MATHia lab and ways you celebrate success with students by using the data from the teacher toolkit reports.

Tags: CL, 6-8, 9-12, Data and Assessment (DA)

Sue Hamilton, Senior Manager of School Partnerships

[Breakthrough Implicit Bias with a Conversation](#)

Let's talk. We can break through the walls of implicit bias through conversation. The time is now to engage with fellow educators and understand the impact of implicit bias in our daily work.

Tags: General, Leadership, K-2, 3-5, 6-8, 9-12, Equity and Access (EA)

Afreeka J Miller, Director of Professional Learning West

[How to Survive Teaching Mathematics in 2020 and Beyond](#)

With technology advances, teaching conceptually, and various needs, teachers are "burnt out" and leaving the profession. Our own words, attitudes and actions tend to trickle down into the classroom and cause unnecessary stress. Great motivational and managerial strategies to minimize stress teachers face daily in the math classroom will be shared to inspire teachers and leaders.

This session is also offered during Workshop Session E.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies (CS)

Bernard Frost, Former President, South Carolina Leaders of Mathematics Education