

Workshop Session A

Wednesday 10:00 am – 11:30 am

[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.

Tags: First Year CL, 6-8, 9-12
Sue Sund, Master Practitioner

[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, Senior VP of Professional Learning

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

Description 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 Program Management

[Lesson Planning with a Focus on Task Analysis](#)

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. We will look at tasks and determine where they fall of the task analysis guide, what characteristics make them high or low. Participants will look at a Carnegie Lesson and discuss what actions a teacher might do that would lower the task level and discuss actions that would keep the task level high.

Tags: CL, 6-8, 9-12, Mathematics Content
Jami Koustik, Director of Professional Learning

[Get in Line: The Power of Open Number Lines!](#)

Join us today as we explore the power of the open number line! We will explore and experience using number lines to dive into reasoning about and solving equations through a variety of engaging strategies.

Tags: General, 3-5, 6-8, 9-12, Mathematics Content, Classroom Strategies

Hannah Sneed, Manager of School Partnerships

[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 brainstorm potential routines and classroom practices that will help bring these norms alive in your math classrooms next year.

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

Mark Christiano, Manager of School Partnerships

[Introduction to the New MATHbook](#)

Description Coming Soon

Tags: CL, 6-8, 9-12

Sandy Finocchi, Chief Mathematics Officer

Amy Jones Lewis, Senior Director of Content Design

[Best Practices with MATHia: Panel of CL Partners](#)

In this session you will hear from current MATHia users. These teachers will talk about how they are currently using MATHia in a remote, hybrid, or onsite classroom. We will cover topics from usage, motivation, data, and best practices. We will take questions from the audience along with sharing the most popular questions that we get from current partners.

Tags: CL, 6-8, 9-12, Mathematics Content, Classroom Strategies, Data and Assessment, Virtual Teaching

Kris Hobaugh, Regional VP of Professional Learning

[The Sum of Culturally Responsive Teaching and the Difference It Makes](#)

Successfully teaching students from culturally diverse backgrounds requires a new way of teaching that is grounded in an understanding of the role of culture in learning. In this session on Culturally Responsive Teaching, participants will learn how to integrate the cultures represented in their classroom into their instruction and how to create conditions that are culturally inviting for ALL. Through group discussions and activities, participants will be challenged to reflect on their own background and experiences while examining the impact cultural responsiveness can have on student achievement.

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

Jasmine Sanders, Manager of School Partnerships

[Texas Math Solution Preview](#)

Coming Soon

Tags: TX CL, 6-8, 9-12

Sami Briceño, Sr. Custom Solution Content Lead

Workshop Session B

Wednesday 1:00 pm – 2:30 pm

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

What should Learning Individually on MATHia 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 MATHia implementation. Explore course content and leave with an understanding of how to navigate MATHia from a student's perspective, a knowledge of the key features, and the ability to create an effective implementation.

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

Sue Sund, Master Practioner

[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

Kris Hoabugh, Regional VP of Professional Learning

[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 Program Management

[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: General, 6-8, 9-12, Mathematics Content, Equity and Access

Sarah Galasso, Content Design Associate

[How Did They Do That?: Exploring Division Strategies](#)

We all know that there are multiple ways to solve most math problems. In this session, we will put that basic knowledge to the test as we investigate different approaches to solving division problems.

Tags: General, 3-5, Mathematics Content, Classroom Strategies

Courtney Lewis, Director of Professional Learning

Grete Giesin, Manager of School Partnerships

[To Ask or Not To Ask? What Questions Should We Be Using to Drive Our Lessons?](#)

Did you know that teachers ask over 400 questions per day? But not all questions push our lessons in the direction we intended. How do we ensure we are asking the questions that promote the thinking and discourse we want to elicit from our students? Come explore different question types and how we can use them to engage our students in mathematical thinking and discourse.

Tags: CL, 6-8, 9-12, Classroom Strategies

Janet Tomlinson, Sr. 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

Lemario Bland, Manager of School Partnerships

[Language Acquisition in Every Classroom](#)

Learning a language is complex and challenging. Participants will have the opportunity to consider what our students really need to acquire language skills in the content area classroom. We'll examine the levels of language acquisition and the supports teachers need to thoughtfully consider and implement in their day to day instruction in order to provide opportunities for students of every language to fully engage in language acquisition as they learn mathematics content.

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

Julie Stowell-Moss, Manager of School Partnerships

[Implicit Bias Part 1: Break Through 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. Embracing the fact that we all have them and are not "bad" people for them is the starting point of a movement in powerfully changing classroom practice.

Tags: General, K-2, 3-5, 6-8, 9-12, Equity and Access
Afreeka J. Miller, Regional VP of Professional Learning

[Workshop Session C](#)

Wednesday 3:00 pm – 4:30 pm

[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 set up and 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
Sue Hamilton, Director of Professional Learning

[Creating Professional Learning that STICKS!](#)

Interested in learning more about what the research says in regards to characteristics of effective professional development? Want to learn more about infusing the essential components for teachers to put the professional development into practice? This session will provide you with tools to make your Professional Learning stick with your participants.

Tags: Leadership, K-2, 3-5, 6-8, 9-12, Classroom Strategies, Equity and Access
Cassie Martin Reynolds, Regional VP of Professional Learning

[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: Advanced Educator Only, 6-8, 9-12
Katie Ruff, Director of Sales Enablement
Jasmine Sanders, Manager of School Partnerships

[Maximizing Differentiation with Station Rotations](#)

In this session, participants will learn how to apply best practices of differentiation with station rotations in a math classroom. We will explore how to utilize data to effectively create student groups, a model for effectively delivering content, and ideas for how to quickly regroup to continue the learning.

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

Lemario Bland, Manager of School Partnerships

Andrew Roberts, Manager of School Partnerships

[Building Discourse in the K-5 Classroom](#)

Classroom discourse is the ocean on which all else floats. The ability to think, articulate and discuss ideas are critical to school and career success. Through the lens of mathematics, participants will experience practical strategies for helping students develop the academic language and discourse required to make connections, develop opinions, and build shared understanding of ideas that can be transferred to all areas of learning.

Tags: General, K-2, 3-5, Classroom Strategies

Peter Carellas, Sr. Manager of School Partnerships

Sonya Fleming, Manager of Professional Learning Design

[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 several concrete ways to use retrieval practice in the classroom and more!

Tags: General, 6-8, 9-12, Classroom Strategies

Bob Hausmann, Senior Cognitive Scientist

Sami Briceño, Senior Custom Solution Content Lead

[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

Grete Giesin, Manager of School Partnerships

[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 Hannah as she 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

Hannah Sneed, Manager of School Partnerships

[Implicit Bias Part 2: Classroom Conversations](#)

How does implicit bias show up in the classroom? Join us for an engaging dialogue around identifying and mitigating instances implicit bias with our students.

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

Jenise Noble, Manager of School Partnerships

[Workshop Session D](#)

Thursday 10:00 am – 11:30 am

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

Bring your student hat and teacher hat to this session! Experience a Carnegie Learning demonstration lesson, as a student, to build an understanding of what a Carnegie Learning classroom should look like, sound like, and feel like. Then put on your teacher hat to debrief the role of the facilitator during the lesson, the observed teacher moves, and the potential impact on student learning.

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

Afreeka J. Miller, Regional VP of Professional Learning

Andrew Roberts, Manager of School Partnerships

[Leadership: Creating Structures for A Successful Implementation](#)

Leadership makes ALL the difference in an implementation. We will delve into a framework of implementing a high-quality curriculum which fosters an environment of high expectations and accountability while maintaining an access for all students attitude. This year, more than ever before, our students may be returning to school with unfinished learning. Leadership is the catalyst in creating a culture of optimal student achievement. Join us in learning how to create and develop this framework!

Tags: Leadership, 6-8, 9-12, Equity and Access, Data and Assessment

Traci Phillips-Roach, Director of Customer Success

[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: Advanced Educator Only, 6-8, 9-12

Katie Ruff, Director of Sales Enablement

Jasmine Sanders, Manager of School Partnerships

[Planning Family Math Night](#)

Come experience what a Family Math Night can feel like for your students and their families. 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, Equity and Access

Janet Tomlinson, Sr. 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, 8-Jun, Mathematics Content, Classroom Strategies

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

Peter Carellas, Sr. Manager of School Partnerships

[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

Jack Crumm, Sr. Manager of School Partnerships

[Doing Less So Students Do More](#)

Empower students to own their thinking. Learn manageable prompts, 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, Mathematics Content, Classroom Strategies

Lisa Strittmatter, Manager of School Partnerships

Sonya Fleming, Manager of Professional Learning Design

[Accommodating Your Resources for Student Success](#)

Accommodating your instructional materials in meaningful ways allows students to engage, explore, and develop math topics and concepts while developing their language proficiency. Leave this session with specific strategies to accommodate your instructional materials to support every learner in your classroom as they move through your rigorous mathematics classroom no matter their home language.

Tags: General, 3-5, 6-8, 9-12, Classroom Strategies, Equity and Access

Julie Stowell-Moss, Manager of School Partnerships

Workshop Session E

Thursday 1:00 pm – 2:30 pm

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

Join us for a hands-on, collaborative, and 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 to meet the needs of your students.

Tags: First Year CL, 6-8, 9-12, Mathematics Content, Classroom Strategies

Vicky Wood, Manager of School Partnerships

[Analyzing Leadership Reports to Optimize Teacher Support and Student Achievement](#)

How are you driving change in your mathematics classrooms? Do you foster an environment that supports and encourages teachers to use MATHia data to drive instruction? We will explore ways to develop manageable habits for incorporating leadership report and other MATHia report data into your daily and weekly routines in order to develop a culture of accountability and success for coaches, teachers and students!

Tags: Leadership, 6-8, 9-12, Data and Assessment

Traci Phillips-Roach, Director of Customer Success

[Engaging in the Topic Planning Process](#)

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

Sami Briceño, Sr. Custom Solution Content Lead

[Ratio Representations: Developing 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, Classroom Strategies

Jack Crumm, Sr. Manager of School Partnerships

[Fraction Traction: The Missing Part of the Whole](#)

It's no secret that fractions can sometimes be a difficult concept for students to understand. But why is that? What's missing? Fractions are an extremely abstract concept, and without adequate concrete and representational experiences that build fraction number sense, students never fully understand what the abstract symbols mean. In this session, participants will experience, analyze, and practice the language and models used to help students understand and develop a sound understanding of fractions.

Tags: General, K-2, 3-5, Mathematics Content, Classroom Strategies

Mark Christiano, 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

Lisa Strittmatter, Manager of School Partnerships

[Motivating Students Using the MATHia Reports](#)

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

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

Sue Hamilton, Director of Professional Learning Design

[Making Mathematics Accessible: Strategies for All Students](#)

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

Jenise Noble, 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, Equity and Access

Sarah Galasso, Content Design Associate