

Session List

Sessions are subject to change. A specific schedule of sessions will be released closer to the institute before session registration.

[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: CL, 6-8, 9-12, Classroom Strategies, Equity and Access

Julie Stowell-Moss, Director of Professional Learning

[AEW Q&A with Instructional Design](#)

Have you ever wondered why the Middle School Math Solution text begins with the geometry strand? Or why circles is not its own module in the High School Geometry Math Solution? If so, now is your chance to ask the experts! In this session, Sandy Finocchi and Amy Lewis will have the answers to these and all other content design questions. Ask now or forever hold your question!

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

Jasmine Sanders, Director of Professional Learning

Hannah Sneed, Senior Manager of School Partnerships

[AEW Q&A with MATHia Experts](#)

Do you have a burning question you wish you could ask the MATHia experts? If you answered yes, now's your chance to hear from Sandy Finochi, Amy Lewis, and other MATHia experts. We will take questions from the audience as well as share answers to some of the most popular questions that we get from current partners. We expect to cover topics ranging from usage, motivation, data, and best practices. Don't miss out!

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

Jasmine Sanders, Director of Professional Learning

Hannah Sneed, Senior 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 reports 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, CL, 6-8, 9-12, Data and Assessment

Traci Phillips-Roach, Director of Professional Learning

[Assessment and Accountability](#)

Description Coming Soon

Tags: General, 6-8, 9-12

Tarin Barrow, Director of Professional Learning

[Being Creative with Your Carnegie Learning Resources](#)

How can I make the most of my Carnegie Learning resources when planning lessons? Come experience a CL lesson showcasing flexible uses of the Carnegie Learning resources including new ways to use warm-ups, review problems, and lesson features, incorporate MATHia problems, and make effective use of the Teacher's Implementation Guide. Practice the planning process with a colleague and leave with fun new ideas to use with your students this fall.

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

Janet Tomlinson, Senior Manager of Professional Learning Design

Carrie Rauer, Manager of School Partnerships

[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

Jami Koustik, Director of Professional Learning

Sue Hamilton, Director of Professional Learning

[Blended! Making Connections between MATHia and MATHbook](#)

Are you looking for ways to better showcase the connections between MATHia content and MATHbook problems? Would you like to help your students communicate on paper what they have mastered digitally? Come join us to get tips on connecting Learning Individually (MATHia) with Learning Together (MATHbook). Participants should have prior knowledge of implementing MATHia and the MATHbook. (This is not a MATHia beginner session).

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

Aaron Houston, Manager of School Partnerships

Tracy Mulholland, Customer Education Manager

[Building on Student Strengths Through a Variety of Problem Types](#)

Description Coming Soon

Tags: CL, 6-8, 9-12

Tracey Mulholland, Customer Education Manager

[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
Erica Buishas, Senior Manager of School Partnerships
Kris Hobaugh, VP of Professional Learning

[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. Collaborate with teachers at your grade level to plan a lesson.

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

[Creating a Culture of Vulnerability in the Math 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, K-2, 3-5, 6-8, 9-12, Classroom Strategies, Equity and Access
Katie Ruff, Director of Sales Empowerment

[Creating Access for All Students with the CL Text](#)

ALL Students need access to high-level mathematical tasks in the Carnegie Learning textbook. In this session, you will experience instructional strategies that create access and set the stage for learning ensuring all students can engage.

Tags: CL, 6-8, 9-12, Classroom Strategies, Equity and Access
Michael Morici, Senior Manager of School Partnerships

[Creating Intentional Pathways to Readiness Success](#)

Students hold more knowledge than they are often given credit for. So, what if we could do readiness differently? How can we honor students' prior knowledge and build their self-reflection skills? We will discuss strategies and methods to honor students thinking and self-perception as well as ways to challenge students to think more critically about their abilities. We will consider ways that we can provide students with just-in-time support and resources to reactivate knowledge, ultimately helping students continue to build their identity as mathematicians and learners.

Tags: General, 6-8, 9-12, Classroom Strategies, Equity and Access
Sarah Galasso, Director of Instructional Design

[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

Rachel Schwartz, Director of Professional Learning Design

[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, 6-8, 9-12, Data and Assessment

Jerod Smith, 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, 9-12, Mathematics Content, Classroom Strategies

Jack Crumm, Senior Manager of School Partnerships

[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 with you and your colleagues at your campus/district throughout the year.

Tags: CL, 6-8, 9-12, Mathematics Content

Chariese Crawford, Senior Manager of School Partnerships

[Ethnomathematics: Learning In a Cultural Context](#)

Behind every student is an untold story! How can teachers use culture and the timeless art of story-telling to recapture students' focus and curiosity to learn mathematics in community?

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

Alejandra Neira, 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
Mark Christiano, Manager of School Partnerships

[Get CENTERED for Success with Zorbit's](#)

What is one math skill you wish your students possessed when they first entered your math class? Would you say Number sense and fluency? If so you are not alone. Come to our sessions to experience how centers can be used to develop number sense and fluency using our Zorbit's resources. Participants will walk away with activities and strategies they can implement in their own classrooms.

Tags: General, K-2, 3-5, Mathematics Content
Sue Hamilton, Director of Professional Learning
Jack Crumm, Senior Manager of School Partnerships

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

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

Tags: General, K-2, 3-5, Mathematics Content, Classroom Strategies
Vicky Wood, Senior Manager of School Partnerships

[Getting Students Ready for Algebra 1](#)

Have you ever wondered what key concepts your middle school students need to be better prepared for Algebra 1? What key concepts/ideas could you be focusing on? What strategies prepare them to be better mathematicians? Come explore two major concepts, Making Sense of Unknowns and Ratios and Proportions, using bar models, area models, double number lines, algebra tiles and graphs. Leave with ideas and problems for your classroom.

Tags: General, 6-8, 9-12, Mathematics Content, Classroom Strategies
Janet Tomlinson, Senior Manager of Professional Learning Design

[Hone Your Vision: Leading Through Year Two](#)

Leading through the constantly evolving landscape of changes this past year has been challenging, especially during the first year of implementing new instructional materials. As a school leader, you routinely navigate the varying demands of stakeholders while addressing the instructional needs of teachers and students. In this session, leaders will identify key classroom 'Look Fors' that support your instructional vision and define stakeholder roles to build a community of support to ensure a successful second year implementation.

Tags: Leadership, CL, 6-8, 9-12, Mathematics Content
Wil Simpson, 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
Jenise Bland, 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 Bland, Manager of School Partnerships

[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
Lemario Bland, Senior Manager of School Partnerships
Wil Simpson, Manager of School Partnerships

[Introduction to Think Math: Carnegie Learning's Core K-5 Math Product](#)

Carnegie Learning's newest math product, Think Math, is a comprehensive K-5 core math product launching for the 2023-24 school year. Rooted in visual and linguistic cognition research, this program builds on students' natural intellectual curiosity, using play and student discourse to build conceptual understanding and productive habits of mind. Come learn why elementary math isn't always just about math!

Tags: General, K-2, 3-5
Amy Jones Lewis, VP of Instructional Design
Katherine Rhee, Director of Instructional Design

[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, and discuss flexible grouping strategies.

Tags: General, 6-8, 9-12, Equity and Access
Saradhi Saripalli, Senior 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, Director of Professional Learning

[Leadership: Creating Structures for a Successful Implementation of a High Quality Curriculum](#)

Leadership makes ALL the difference in the implementation of a rigorous, student-centered curriculum. We will delve into a framework of implementing a high-quality curriculum which fosters an environment of high expectations and accountability while establishing an "access for all students" attitude. As we return to school in this post-COVID world, we as leaders are the catalyst in creating a culture of optimal student achievement. Join us in learning how to create and develop plan for success!

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

Traci Phillips-Roach, Director of Professional Learning

[Make Your Planning Count! Collaboration, Discourse, and Pacing](#)

Do you want to optimize your plan time? Do you want to deliver engaging lessons that encourage student discourse and collaboration? Do you want to do all this while keeping on pace in the program. Join us for a demonstration and discussion of the planning and delivery practices that give teachers the biggest "bang for the buck" in inquiry-based learning.

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

Andrew Roberts, Manager of School Partnerships

[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

Jerod Smith, 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, Senior Manager of School Partnerships

Andrew Roberts, Manager of School Partnerships

[Motivating Students Using the MATHia Reports](#)

Struggling with the student engagement on MATHia??? One word...Reports. This session will allow current MATHia users an opportunity to dig deeper into the MATHia Class and Student Reports, as well as learn more about strategies for using data to increase student output. You will share, develop, and refine your own strategies to take back to your classroom so you can get the most out of MATHia!

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

Saradhi Saripalli, Senior Manager of School Partnerships

[Move Your Body, Grow Your Brain](#)

Explore how movement facilitates the brain's readiness and ability to learn and retain information. We will look into strategies to use with students and to boost teachers' body and brain health.

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

Erica Buishas, Senior Manager of Professional Learning Design

Alejandra Neira, Manager of School Partnerships

[Opening Opening Up Our Math Instruction: Creating Equitable Access for Our Multilingual 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 importance of and strategies for: teaching academic vocabulary, reading and understanding written math problems, building background knowledge, and increasing student language production in the mathematics classroom.

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

Albert Madrigal, Manager of School Partnerships

[Promoting Discourse Through Number Talks](#)

Number talks position students to own the mathematics as they communicate their thinking and make connections among ideas and strategies. During this session, you will engage in this rich routine with your student hat on and then develop impactful strategies for facilitating meaningful mathematical discourse as we reflect on the experience.

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

Rachel Schwartz, Director of Professional Learning Design

[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, VP of Custom Publishing

[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, VP of Custom Publishing

[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, Equity and Access
Mark Christiano, Manager of School Partnerships

[Strategies for Accelerating Student Learning](#)

Are you wondering how best to accelerate your students' learning? Have you considered how you can use MATHia and the Carnegie Learning resources to enhance students' mathematical experiences? Come and engage in a small group tutoring session. Learn about the re-engagement process which outlines how we support student learning by building on students' existing knowledge.

Tags: CL, 6-8, 9-12, Classroom Strategies, Equity and Access
Courtney Lewis, Senior Director of Tutoring Services
Emily Bartko, Virtual Tutoring Manager
Jamie Hawkins, Virtual Tutoring Manager
Audrea Bankston, Virtual Tutoring Manager

[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. This is an introduction to goal setting.

Tags: General, K-2, 3-5, 6-8, 9-12, Data and Assessment
Jami Franke, Director of Professional Learning

[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 organizing friendly competitions 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, Senior Manager of School Partnerships

[Supporting Students by Removing Barriers to Access](#)

Providing students with choice in how they receive, interact with and express learning removes barriers to access. We will see how autonomy and varied experiences support all students and create opportunities for them to access the mathematics content and meet learning goals.

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

Tarin Barrow, Director of Professional Learning

[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

Michael Morici, Senior Manager of School Partnerships

[The Arc of Assessment with CL Resources](#)

As a teacher, have you ever thought about creative ways to assess your students from beginning to end, that will not only make their learning come alive, but the data from the assessments begin to paint a picture. Join us in the arc of assessment where we focus on ways to generate formative and summative data techniques informing us on what to do between the 'Getting started' and the 'Talk the Talk'.

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

Chariese Crawford, Senior 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

Albert Madrigal, 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

Katie Ruff, Director of Sales Empowerment

[The Power of the Horizontal Line](#)

Graphs are powerful visual representations of the relationship between quantities. In this session we will explore the use of graphs to solve equations, connect the ways we solve equations algebraically and graphically, and determine how to make more use of graphs as a powerful equation solving tool. Come explore a range of problems, from MS to HS, that look at ways to engage students in thinking more critically about graphing and solving equations. Leave with engaging problems and strategies to use with your students.

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

Carrie Rauer, Manager of School Partnerships

[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, Equity and Access

Jasmine Sanders, Director of Professional Learning

[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, Director of Instructional Design