

List of Potential Sessions

This is a working copy of potential sessions that could take place during the onsite Institute, the virtual Institute, or both. The full agenda is still in progress, and these sessions are still subject to change. A specific schedule of sessions for each Institute is coming soon.

[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

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

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

Traci Phillips-Roach, Director of Customer Success

[Analyzing the Data: Using MATHia Reports to Address Missed Learning Opportunities](#)

MATHia software provides an abundance of data about what students know and the skills they still need time to master. How can we harness this data to develop instructional plans that make connections between prior and current course/grade level content? This session will provide guidance on how to bridge the learning gaps and map the way to student learning and academic progress in sensible time saving ways.

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

Courtney Lewis, Director of Professional Learning

[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

[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

[Bringing the Virtual Classroom Back Into the Classroom](#)

Let's turn lemons into lemonade! Over the past year, teachers have needed to learn new technology exponentially so let's reflect on the strategies that were effective in the virtual classroom. Participants will experience some of those strategies in person to make them effective in your classrooms.

Tags: General, 3-5, 6-8, 9-12, Classroom Strategies, Virtual Teaching
Sue Hamilton, Director of Professional Learning Design

[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

[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

[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
Steven Mendoza, Manager of School Partnerships

[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

[Collaboration in a Socially Distant Classroom](#)

During this session, you will experience facilitation strategies to help guide you to successfully creating a truly collaborative classroom while adhering to social distancing guidelines.

Tags: General, K-2, 3-5, 6-8, 9-12, Classroom Strategies
Jack Crumm, Sr. Manager of School Partnerships

[Connection Before Intervention: Students Really Will Listen](#)

Instruction, motivation, and intervention are all made more powerful if a connection with our student is made at the beginning. This session will emphasize the necessity of such connections and demonstrate how they can be easily and quickly made with almost any student. Our presenter has worked in one-on-one situations with hundreds and hundreds of students and has used these connection principles repeatedly to set the table for effective student interaction.

Tags: General, K-2, 3-5, 6-8, 9-12
Tom Chapin, Customer Education Manager

[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

Cassie Martin Reynolds, Regional VP of Professional Learning

Katie Ruff, Content Specialist

[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, Sr. Manager of School Partnerships

[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

[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

[Differentiating Learning Through Small Group Instruction and Centers](#)

Improve student confidence, engagement, and achievement through math centers and small group instruction. Providing instruction to small groups of students is a tried-and-true way to differentiate and support students, while allowing them to apply, deepen, and extend their understanding. This session will focus on how to implement centers and small group instruction, providing opportunity for student choice and authentic differentiation. And yes, centers can be used in any classroom, including high school!

Tags: General, K-2, 3-5, 6-8, 9-12, Mathematics Content, Classroom Strategies, Data and Assessment, Virtual Teaching

Grete Giesin, 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

[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

[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

Chariese Crawford, Manager of School Partnerships

[Engaging Students in Virtual Lessons](#)

Join us as we discuss and reflect on some recommendations for best practices in virtual learning spaces. Participants will experience various synchronous learning activities while considering how different digital tools and resources can help monitor student participation and thinking. We will also consider strategies to help motivate and engage students with asynchronous learning activities.

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

[Enhancing Virtual Math Stations](#)

Math Workstations are engaging, standards-based, academically rigorous opportunities that students should be afforded whether they are in a face-to-face or virtual learning environment. Through a learning station model, participants will experience the benefits of math workstations while engaging in teacher-led activities and collaborative and independent tasks.

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

[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, 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
Jasmine Sanders, Manager of School Partnerships

[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

[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

[How Do I Adapt That Strategy for the Virtual Environment?](#)

In this session we will discuss and experience a variety of in-person facilitation strategies for engagement, collaboration and communication, and how they can be adapted for the virtual environment. Come ready to brainstorm or share other virtual adaptations of in-person facilitation strategies in order for us to create a collection of strategies that all participants can access and utilize after our session.

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

Sami Briceno, Director of Professional Learning

[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

Kyle Cornille, Manager of School Partnerships

[It's Time to Take Off That Teacher Hat and Put on Your Learner Hat!](#)

Get ready to experience a demonstration lesson in a learner-centered classroom from the perspective of the student. This will also give you time to collaborate with other teachers that are currently using CL materials and share different teaching strategies. Come join the fun of learning! This session is intended for teachers who have been using CL resources for at least one year.

Tags: CL, 6-8, Mathematics Content, Classroom Strategies

Erica Buishas, Sr. 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 and discuss flexible grouping strategies.

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

Saradhi Saripalli, Sr. 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 content.

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

Julie Stowell-Moss, Manager of School Partnerships

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

District and Building Leadership make ALL the difference between a successful implementation and a poor one. You will learn about establishing a framework that must be in place in order to foster an environment of high expectations and accountability while maintaining an access for ALL students attitude. This year, more than ever, students will be coming to us with skill gaps. Leadership will be the catalyst in creating a culture of optimal student achievement! Join us to learn how to create this framework!

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

Traci Phillips-Roach, Director of Customer Success

[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

[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, Classroom Strategies

Vicky Wood, 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 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

Erica Buishas, Sr. Manager of School Partnerships

[Making Mathematics Accessible: Strategies for All 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

Jenise Noble, 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

Kyle Cornille, 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. This session is intended for participants who have been using MATHia for at least one year.

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

Sue Hamilton, Director of Professional Learning Design

[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

[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, Classroom Strategies

Sammy Andre, 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

[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.

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

Hannah Sneed, Manager of School Partnerships

[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 Program Management

[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

[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

[So Many Tools, So Little Time: Using CL Tools in a Virtual Environment](#)

Join us to learn more about how to use Carnegie Learning tools efficiently and effectively to increase student engagement, planning efficacy, and overall simplicity in your classroom..

Tags: CL, 6-8, 9-12, Classroom Strategies, Equity and Access, Virtual Teaching

Saradhi Saripalli, Sr. Manager of School Partnerships

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

Considering everyone's shifting instructional settings, re-establishing classroom norms around learning and engaging in math presents everyone with an opportunity to rethink and reset some classroom practices this fall. 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 - traditional or virtual- to start next school year.

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

Mark Christiano, 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. This is an introduction to goal setting.

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

Jami Koustik, 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 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

[Talk Moves to Promote 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

Chariese Crawford, Manager of School Partnerships

[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

Michael Morici, Sr. Manager of School Partnerships

[Team Teaching with Station Rotations](#)

In this session, participants will be able to understand the purpose and benefits of team teaching using 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, Classroom Strategies

Lemario Bland, 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

[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

[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

[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

[Tips to Help Struggling Readers-- in Math!](#)

Literacy skills are important across disciplines and in all aspects of life, but have you considered the importance of literacy skills in mathematics? Even though reading is an essential part of all disciplines, content area literacy has not been addressed in most content area classrooms. Together, we will explore the many literacy strategies that students and teachers are already familiar with and how they are applicable when teaching mathematics.

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

Karen Primavera, Implementation Manager

[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 the different question types featured in the new CL MATHbook and understand how to use these with your students.

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

Janet Tomlinson, Sr. Manager of School Partnerships

[Using FREE Online Geometry Tools for Constructions with Carnegie Learning](#)

"Use reflections to map Segment AB onto segment CD." This is the type of geometry construction that students can accomplish with patty paper and other hands-on tools, but students can also explore constructions using a plethora of *free* digital tools. We will use these digital interactive geometry tools to explore constructions from a student perspective and demonstrate how you can help deepen geometric understanding in a digital environment.

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

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

Sarah Galasso, Content Design Associate

[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.