Session Descriptions

BREAKOUT SESSION A

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. BYOD - Bring your own device to dig into the materials yourself.
SAM BRICENO, Senior Manager of School Partnerships

PURPOSEFUL COACHING (PART 1 OF 2)
As an instructional coach, are you being utilized as an agent of change on your campus or in your district? Do you ever feel like you are being pulled in lots of different directions and working with teachers isn't always the top priority? Come to this session as we provide you with the tools you need to create purpose and goals around the work you do every day with teachers and students. We will discuss protocols and usable frameworks to help you maximize your impact as a change agent in your building! NOTE: This is Part 1 of a 2 part session. It is recommended that you attend both sessions.
CASSIE MARTIN REYNOLDS, Director of Professional Learning, South

WHEN LITERACY AND MATH COLLIDE: READING AND WRITING IN MATH CLASS
Communication in math has never been more important than it is now. Reading and writing both help students develop a deeper understanding of math, empowers their voice, engages them in math practices and provides an optimal formative assessment. We will discuss strategies for supporting and planning for reading and writing in the math classroom.
SARAH GALASSO, Lead Mathematics Solution Specialist
BREAKOUT SESSION A

CREATING A COLLABORATIVE CLASSROOM FROM THE FIRST DAY OF SCHOOL: STRUCTURING ROUTINES TO PROMOTE COLLABORATION
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!
SUE SUND, Director of Master Practitioners
KASEY LUPTON, Master Practitioner

THE ART OF SOLVING EQUATIONS
Throughout middle school and high school, students are expected to construct, solve, and graph equations to represent relationships between two quantities. Join Sandy and Amy as they share strategies that help students see the value of solving equations, judge the reasonableness of their solutions, and prevents them from seeing equation solving as a meaningless algorithm.
SANDY BARTLE FINOCCHI, Chief Mathematics Officer
AMY JONES LEWIS, Senior Director Instructional Design

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 importance of and strategies for: • Teaching academic vocabulary • Reading and understanding written math problems • Building background knowledge • Increasing student language production in the mathematics classroom
MEREDITH SCHEINER, Math Specialist
CATHRYN ANDERSON, Math Specialist

PLANNING FAMILY MATH NIGHT
What would you most like parents to know and understand about your math curriculum? How would you like to engage parents in a conversation about those resources and the classroom expectations in a student-centered classroom? Come learn how various schools have conducted their Math Nights and work with other teachers to outline a plan for creating and conducting a Math Night at your own school.
JANET TOMLINSON, 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.
PETER CARELLAS, Manager School Partnerships
MATHIA 101: THE STUDENT SIDE
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. Please note this session is a BYOD session—make sure you have a laptop with you.
SARADHI SARIPALLI, Manager of School Partnerships

PURPOSEFUL COACHING (PART 2)
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.
NOTE: This is Part 2 of a 2 part session. It is recommended that you attend both sessions.
CASSIE MARTIN REYNOLDS, Director of Professional Learning, South

IT'S MATH PLAYTIME!
The importance of practice is clear, but we often forget that play and exploration are critical components for mathematics at the elementary level. We will explore a variety of math games that allow students to engage in play while providing differentiated opportunities for the development of fluency, deeper understanding of mathematical ideas, and the development of logic and strategy in problem solving.
PETER CARELLAS, Manager 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.
REGGIE REVERE, Manager of School Partnerships

SUPPORTING STUDENT COLLABORATION WITH CARNEGIE LEARNING
Collaboration is the cornerstone of a successful Carnegie Learning implementation. But what does a collaborative classroom using Carnegie Learning instructional resources look like, sound like and feel like? Participants will experience and debrief a Carnegie Learning lesson with a focus on instructional strategies for promoting collaboration. Learn about and practice planning to incorporate some of those strategies into Carnegie Learning lessons.
SAMI BRICENO, Senior Manager School Partnerships
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.

BERNARD E. FROST, Former President, South Carolina Leaders of Mathematics Education

FOSTERING A GROWTH MINDSET ORIENTED CLASSROOM
Learn strategies that will empower and encourage students to take responsibility for their learning and foster the development of a “can do” attitude through the power of productive struggle. Specific strategies that bring the concept of “not yet” to life will be shared along with accountability strategies that shift the power of learning to the students. This session is most appropriate for 3rd grade and up.

BEATRICE MOORE LUCHIN, Education Consultant and Author

EDULASTIC: 21ST CENTURY 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 your time in grading stacks of papers, provide true differentiated data, and allow you to give immediate feedback to your students. **Bring a computer to this session**

MICHAEL MORICI, Manager of School Partnerships
TEACHER'S TOOLKIT 101: THE TEACHER SIDE
In this session, explore top Teacher's Toolkit tasks and student reports in order to gain a detailed understanding of how to manage the day-to-day student work within the MATHia software. Please note this session is a BYOD session—make sure you have a laptop with you.
REGGIE REVERE, Manager of School Partnerships

PLANNING FOR EFFECTIVE PROFESSIONAL LEARNING COMMUNITIES
This session will focus on creating a framework for effective Professional Learning Communities (PLC). Teachers need support in collaboration and a framework for building their capacity to lead their own learning. As a leader how should you model and lead PLC time while building capacity for your teachers to support each other? Kris will share some practical strategies for PLCs.
KRISTINE HOBAUGH, Director of Professional Learning, North

ALGEBRA TILES: EFFECTIVELY USING ALGEBRA TILES IN THE MATHEMATICS CLASSROOM
Have you ever wanted to help your students develop the conceptual understanding of combining like terms, solving equations, operations of polynomials, factoring polynomials and even completing the square? Join me in building concrete models of these procedures so students can make connections to these abstract mathematical concepts that students often struggle with.
SUE HAMILTON, Senior Manager of School Partnerships

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.
LISA STRITTMATTER, 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).
LEMARIO BLAND, Project Manager
DIFFERENTIATED EXIT TICKETS THAT WORK FOR ALL LEARNERS
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 exit tickets and discuss flexible grouping strategies.
SARADHI SARIPALLI, Manager of School Partnerships

GET MOVING IN MATH
Learn strategies that will get students up and moving in your mathematics classroom and support understanding, assessment, and retention while bringing excitement into learning! The same part of the brain that promotes learning controls movement! This session is most appropriate for 3rd grade and up.
BEATRICE MOORE LUCHIN, Education Consultant and Author

ADVANCED EDUCATOR ONLY: Q&A WITH THE TEXTBOOK AUTHORS
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.
SANDY BARTLE FINOCCHI, Chief Mathematics Officer
AMY JONES LEWIS, Senior Director Instructional Design

BREAKOUT SESSION C

Wednesday, 3:00pm-4:30pm
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.

JACK CRUMM, Manager of School Partnerships
ERICA BUISHAS, 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.

KASEY BRATCHER, Vice President of Professional Learning

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.

CATHRYN ANDERSON, Math Specialist
MEREDITH SCHEINER, Math Specialist

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.

LISA STRITTMATTER, Manager of School Partnerships

SUPPORTING LEARNING TOGETHER THROUGH TECHNOLOGY
Technology is an amazing tool. But have you ever wondered how you use technology beyond computation and procedures like graphing and more efficiently engage students in investigations? What about maintaining collaboration? Utilizing Carnegie Learning activities we will unlock the power of technological tools, such as Desmos, and how these tools support investigations and Learning Together.

SARAH GALASSO, Lead Mathematics Solution Specialist
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.
AFREEKA MILLER, Senior 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.
JAMI KOUSTIK, Senior Manager of School Partnerships

ADVANCED EDUCATOR ONLY: Q&A WITH THE MATHIA EXPERT
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.
COURTNEY LEWIS, Senior Manager School Partnerships
KATIE RUFF, Lead Mathematics Solution Specialist

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).
LEMARIO BLAND, Project Manager

This session is also offered in Block C.
CARNEGIE LEARNING LESSON: PLAN IT TOGETHER
Join us for a hands-on, interactive session focused on making the most of your lesson planning. 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!
JAMI KOUSTIK, Senior Manager of School Partnerships

LEADERSHIP: USING DATA TO BUILD A CULTURE OF SUCCESS
Leadership is the catalyst of change in a school and district. Join us as we look at how data can be used to make informed instructional decisions at the student, class, school and district level. We will explore how to develop manageable routines for regularly running and monitoring MATHia data to drive a culture of success for both teachers and students. **Bring a computer to this session**
TRACI PHILLIPS-ROACH, Senior Customer Success Manager

BUILDING REASONING USING ARRAYS FROM KINDERGARTEN THROUGH HIGH SCHOOL
Can you recognize and build from students' earliest experiences with structures and strategies related to multiplication? Understanding where students are coming from and where they are going allows us to provide multiple access points to increase students' conceptual understandings. Come explore a range of tasks from K to HS you can use with your students to engage them in meaningful discourse and problem solving. Let's quit leaving their prior knowledge at the door.
JANET TOMLINSON, Manager of School Partnerships

HOOK THEM IN: THE SECRET TO ENGAGEMENT
This session is also offered in Block B.
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.
BERNARD E. FROST, Former President, South Carolina Leaders of Mathematics Education

MOTIVATING STUDENTS USING THE TEACHER'S TOOLKIT REPORTS
Now that you know how to set-up your teacher's toolkit and run reports; how do you use this data to motivate your students? Participants will experience ways to use data to inform their instruction.
SUE HAMILTON, Senior Manager of School Partnerships
DAILY INFORMED INSTRUCTION (DII)
Data-driven instruction is a SUPER expression used throughout education. Figuring out what data to use, then when and how to use it can become cumbersome and overwhelming at times. The purpose of this session is to clarify “the what” and to understand formative assessments as the GATEWAY to a successful practice.
AFREEKA MILLER, Senior Manager of School Partnerships

PAYDAY: BE PART OF THE PRODUCT DESIGN TEAM
The CL team wants to create products that meet the reality of your classroom – and you have an opportunity to be a voice in our product and content development process. If you're looking to make a little extra cash over the summer, or even during the school year, while still flexing your math muscles, we have an exciting project kicking off that we'll review during this session. You can also learn about other ways to get involved with the Carnegie Learning Product Council. Members of the Council can provide feedback on new products, view sneak peeks of product enhancements, and receive offers to be a part of beta or product testing.
*NOTE: You can still take part in this opportunity even if you attend a different session during this block. Just stop by this session room AFTER your session to get an info sheet.
SANDY BARTLE FINOCCHI, Chief Mathematics Officer
JAMIE STERLING, Vice President of Product

MAKING SENSE OF MATH PROBLEMS: COMBINING MULTIPLE READ STRATEGY AND TEKS PROBLEM SOLVING MODEL
In this Texas Specific session, participants will discuss how to integrate a multiple read strategy with the math problem-solving model outlined in the TEKS Mathematical Process Standards. This strategy will help students read word problems for comprehension in order to make sense of math in context. Participants will engage in a math task using this outlined strategy and debrief facilitation moves in orchestrating the mathematical discussion.
SAMI BRICENO, Senior Manager School Partnerships

EDULASTIC: 21ST CENTURY 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 your time in grading stacks of papers, provide true differentiated data, and allow you to give immediate feedback to your students. **Bring a computer to this session**
MICHAEL MORICI, Manager of School Partnerships

This session is also offered in Block B.