



CHARLOTTE COUNTRY DAY SCHOOL

Lower School Math Night October 4, 2017, 6:00–7:30 pm

Welcome to Lower School Math Night! See below for a brief description of each session offered, the location, and the relevant grade levels. Every session will be offered during each of the three rounds. Choose the three that are most relevant to you and enjoy!

Round 1: 6:00 pm – 6:25 pm

Round 2: 6:30 pm – 6:55 pm

Round 3: 7:00 pm – 7:25 pm

Topic	Grades	Presenters	Description	Room
Math in Focus Philosophical Overview	All	Ashley Johnston and Rebecca Patterson	Wondering what Country Day's math program, Math in Focus, is all about? Join us to learn more about the philosophy that underpins our math learning and the components that make it such a great program for meeting all of our students' needs!	Claudia Belk 117
Mathematical Mindsets: Making struggles positive learning experiences	All	Kato Nims	Have you ever you ever heard your child say, "I'm just not good at math?" Or, "Ugh! I made a mistake. I can't do this." Does your child experience anxiety when approaching math and mathematical thinking? Research has shown that all people can enjoy and succeed in math, and their mathematical mindset can make all the difference. Come join this session and discover tips and strategies to help your child turn struggles and mistakes into positive learning experiences.	Claudia Belk 110
Open-Ended Problem Solving	JK-1	Sherry Harris and Anne Lucas	Discover how open-ended problem solving enables students to develop a healthy mathematical mindset! By engaging in challenging tasks in which students persevere through struggle, have to justify and explain their reasoning, and participate in critical math discourse, children are able to move through the critical stages of failure, struggle, and success. Experiencing these three stages allows all students to develop the growth mindset necessary for success!	Belk 202
Supporting Beginning Math Skills with Manipulatives	JK-1	Caroline Robicsek and Lisa Daly	One of the most important components of early math is a strong understanding of number sense. Come learn how you can help your young mathematician(s) strengthen their number sense through the use of easy exploration and manipulatives. You'll leave with concrete ideas and plans for supporting your child at home!	Belk 201
Investigating Number Bonds	JK-1	Erin Dudley and Jovonne Taborn	Number bonds form an important foundation for learning the concepts of addition and subtraction. Number bonding is widely regarded as one of the necessary tools to do well at mental arithmetic, especially when regrouping is necessary. Join us to investigate this "part-whole" concept that forms the basis for addition and subtraction strategies!	Belk 204

Using Games to Build Number Sense	JK-1	Brooke Kluttz and Amy Ilfeld	Interested in helping your child build math skills while still making it fun? Come learn how to turn everyday items into tools for strengthening skills and deepening understanding of math concepts! We'll discuss easy games you can play using household items to keep math learning fun and engaging for your child!	Belk 203
Introduction to Bar Modeling	1-2	Katherine Wood and Beth Brady	Does your child come home talking about bar modeling? Bar modeling is a method used in Math in Focus to help students break down word problems and identify the calculations necessary for solving problems effectively. Come learn how bar models work and how they can be used in addition and subtraction word problems.	Belk 200
Using Games to Build Number Sense	2-4	Molly Hefner and Meghan Preslar	Building number sense isn't just for kindergarten! A strong understanding of numbers is vital for your child's success in math even as he/she moves into the higher grades. So what does strong number sense look like in grades 2-4? Why is it important? Come learn some engaging games that you can use to support your child's foundational understanding of numbers all the way through 4 th grade!	Claudia Belk 111
Math Talk	JK-4	Melissa Salvato and Claire McLendon	At Country Day, a significant part of the collaborative classroom culture is the frequent exchange of mathematical ideas and problem-solving strategies, or Math Talk. There are multiple benefits of Math Talk. Just a few include clarifying your own thinking, gaining a new perspective, and creating student-to-student talk, which stimulates engagement and community. Come learn more about what Math Talk is and how you can engage in similar strategies at home!	Claudia Belk 116
Math Fact Fluency	2-4	Stacy Lynch and Susan Powers	We often think mathematical fluency is just students memorizing math facts. True mathematical fluency involves so much more! It includes accuracy and efficiency that leads to a deeper understanding of math concepts. Come to this session to learn strategies you can use at home to boost your child's math fluency.	Bray 116
Advanced Bar Modeling	2-4	Suzanne Crawford and Chad Jarrett	Has your child ever come home talking about using bar models to solve real world math problems? Bar modeling is a method used in Math in Focus to help students break down word problems and identify the calculations necessary for solving problems effectively. As students move into 3rd and 4th grade, they begin to use advanced bar models to solve complex problems. Come to this session to learn more about using bar modeling to help your 2 nd – 4 th grade students solve multistep word problems. You might even find yourself solving problems you didn't think you could before!	Claudia Belk 118
Building Skills for Problem Solving	2-4	Aimee Miller and Jody Specker	Solving authentic, real-world problems is often the best way to practice applying math skills, but it can be tricky for many students! Join us to learn more about the methods our students use to solve some of the more difficult problems they encounter. You can help strengthen your child's mathematical thinking as well as your own!	Bray 119