



WORKSHOPS BY DR. CARRIE S. CUTLER

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Short Bio for Instructor:

Dr. Carrie Cutler is passionate about early childhood education and mathematics. She currently holds the position of clinical assistant professor of elementary mathematics education at the University of Houston. A sought-after presenter and award-winning university instructor, Carrie is a teacher of teachers. She regularly presents at local, state, and national conferences and manages a YouTube channel and website packed with resources for parents and teachers. Her new book, *Math-Positive Mindsets: Growing a Child's Mind Without Losing Yours* gives practical advice to parents and teachers who want to help children succeed in math. Carrie's YouTube math activity videos have been viewed over 14 thousand times. Carrie loves conducting and learning from educational research but finds that her best teachers are her own eight children—ages 5 to 23.

WORKSHOPS FOR PARENTS

1. *Give Your Child Mathematical Power* (one-hour workshop, tailored to parents of PreK and Kindergarten children)

Description: Parents wishing to help their children acquire math skills may feel like they don't have the resources or expertise to supplement what children learn in preschool. But you don't need a degree in math or a fat wallet to enrich your child's learning. You probably already have the *stuff* for hands-on, age-appropriate math activities that you can do around the kitchen table or cruising along in the minivan. Dr. Carrie Cutler, an expert in early childhood mathematics and professor of mathematics education at the University of Houston, will share games and activities you and your child will enjoy doing together. From Shoelace Shapes to Snowball Hunts, join us to learn how you can build your child's mathematical power.

2. *What's the Big Idea? Easy Explanations for Tricky New Approaches to Teaching Math* (one-hour workshop which can be extended to a series, tailored to parents of 1st through 3rd grade children)

Description: What in the world is a rhombus? When are these kids going to memorize their number facts? Why are there so many word problems? Recent reforms in math education have left many parents stumped. But don't despair, Dr. Cutler, a teacher of math teachers and mom of 8, explains how these changes are important steps in improving mathematics achievement. She'll

share easy tips for understanding place value, regrouping (which we used to call borrowing), fact fluency, mental math, and more. Join us to overcome your math anxiety and feel confident in helping your child succeed in math.

3. *Growth Mindset for Math-Positive Parents* (one-hour workshop for parents of children of all ages)

Description: Is a person *born* good at math? Is there such thing as a math gene? How can our attitudes affect our learning? The brain's response to mistakes differs depending on our mindset. You'll leave this workshop with knowledge of brain research that will change the way you talk with your child about math. Join us to learn how to think, act, and speak the Growth Mindset way.

4. *You Have What It Takes: Easy Ideas for Growing Your Child's Capacity to Learn* (one-hour workshop tailored to parents of PreK and Kindergarten children)

Description: This humorous, interactive workshop gives parents strategies to put into practice immediately. Find out how to use simple everyday interactions with objects such as the key pad at the checkout to familiarize your preschooler with digits. Get the most out of bedtime stories as we share fun ways to spark a love of reading in your infant and develop good reading habits for the entire family. Learn how to leverage minivan chat time to build toddlers' vocabulary and language. Most importantly, build confidence in your ability to support your child in learning and growing. You have it in you!

5. *Foundations for Mathematical Fluency: More than Memorization* (one-hour workshop tailored to parents in 2nd through 5th grades)

Description: Memorizing math facts was once a hallmark of arithmetic classrooms, but today's approaches to fluency are much broader. Learn the phases of math fact mastery and find out how efficiency, accuracy, and selecting an appropriate strategy all work together to build fluency. This session shares insights for number composition and decomposition, place value, mental math, and more. Join us to find out how to support your child in becoming a mathematical thinker, not a math memorizer.