

Parent Math Night Workshop Descriptions Handout

These example workshop descriptions come from Dr. Hilary Kreisberg's work with Framingham Public Schools and the staff of Dunning Elementary School and Potter Road Elementary School during her coaching time there. She extends a tremendous thank you to the teachers who co-created this with her.

The Language of Mathematics: How to Help Your Child Solve Word Problems

Recommended for Parents of Grades K–5

Do you or your child struggle with decoding word problems? Is it difficult even for you, as a parent, to figure out just what your child is supposed to do? Then come and learn about the language of mathematics. In this workshop, we will work on deciphering those lengthy math word problems to figure out just what the problem is asking. We will review strategies, tips, and tricks to help your student understand math vocabulary in order to break down complex word problems into something much more meaningful and practical.

Math Can Be Fun?! How to Make Math Hands-On At Home

Recommended for Parents of Grades 3–5

Who said math isn't fun? Help your child improve their math fact fluency, problem-solving skills, and math communication skills by playing math games at home. Whether you're using cards, die, or some other math tool, math games make learning fun! In this workshop, parents will learn how to make hard-to-understand math topics easier through game playing.

This Isn't How I Learned It: A Shift in Mathematical Practices

Recommended for Parents of Grades K–2

Have you seen your students solving math problems by drawing visuals, breaking numbers apart, or using other ways that are different than how we once learned? Although these strategies require students to think critically in new and challenging ways, they may be unfamiliar or confusing. If you are hoping to get a better understanding of how to use these strategies, this is the workshop for you! Participants will gain a greater understanding of the methods used in the classroom to help students learn mathematics with deeper understanding.

This Isn't How I Learned It: A Shift in Mathematical Practices

Recommended for Parents of Grades 3–5

Learn how to help your child with math in the 21st century. In this workshop, you will experience project-based learning through math activities, while also learning additional mathematical strategies for solving basic operations (addition, subtraction, multiplication, division). This workshop is perfect for those who fear the new (or old!) mathematics, or for those who just want to understand the newer math in order to be able to provide assistance for homework.

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Homework: Going From Battle to Breeze

Recommended for Parents of Grades 3–5

Learn how to foster your child's sense of independence and ownership while also releasing yourself of the occasional (or nightly!) math homework battle. During this session, participants will discuss the importance of a growth mindset and how scholars can change their mindset by valuing the process of asking specific questions, making mistakes, and growing as a learner. Participants will also gain a greater understanding of the visual models used in the classroom. This workshop is perfect for parents who are looking for a deeper understanding of the math thinking their children do as well as tips, tricks, and phrases for when your child says, "I don't get it!"

Mathematical Tools: How to Make Math Hands-On At Home

Recommended for Parents of Grades K–2

Do you know how to use ten-frames, rekenreks, number bonds, number lines, and other math tools to help your child learn math? In this workshop, you will become more familiar with hands-on math tools your kids use daily to support their learning and you will learn how to implement some tools into your home life.

Technology and Math: Using Apps and Technology at Home to Support Learning

Recommended for Parents of Grades K–5

Do you struggle to get your kids to study their math facts? Do you want other ways to engage your child in daily math fact practice? This workshop is for the parent who wants to learn how to help their child use technology in a positive way at home to help support their learning. In this workshop, you will explore multiple (some *free*) math-based applications you can download to any tablet, phone, or computer that are connected to the Common Core and are fun to use!