

Chapter 5 Application Guide

Use the application guide to connect these ideas and tools to your classroom practices.

Chapter 5 Topics	Connect To Your Classroom
Communicating with families	Use a variety of forms of communication (such as notes, emails, texts, newsletters) to connect with parents. When meeting with parents, be positive, offer a few suggestions for addressing students' needs, and express appreciation to parents. Help parents understand how learning a variety of computation and problem-solving strategies builds number sense, discernment, and confidence in mathematics.
Engaging families with math	Invite parents to join your class for a glimpse of the hands-on, engaging approaches you know are most effective for learning math deeply. Seeing and hearing a class full of students making sense of math is the best way to help parents buy in to today's approaches. Use take-home book bags and give parents talking points with simple activities to encourage math at home.
Organizing family math events	Choose engaging activities, plan for logistic concerns, and enlist help from parent and community volunteers to ensure a successful family math event.
Recommending tutoring	Provide information on local commercial tutoring companies or private tutors who offer personal attention that can facilitate homework and preparation for exams. Emphasize that tutoring in mathematics can make the difference between <i>just getting by</i> and <i>deeply understanding content</i> .
Recommending online assistance	Suggest websites such as the UHouston Math YouTube channel, the NCTM, Khan Academy, or others that offer explanations, vocabulary, and strategies for solving math problems.