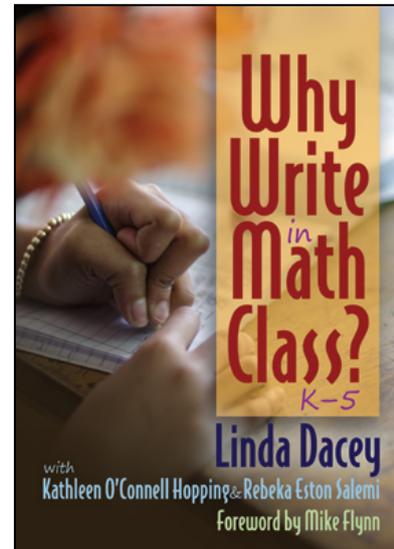


Why Write in Math Class? K–5

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Summary

To help students communicate their mathematical thinking, many teachers have created classrooms where maths talk has become a successful and joyful instructional practice. Building on that success, the ideas in *Why Write in Math Class?* help students construct, explore, represent, refine, connect and reflect on mathematical ideas.

Focusing on five types of writing in maths (exploratory, explanatory, argumentative, creative and reflective), *Why Write in Math Class?* offers a variety of ways to integrate writing into your mathematics instruction. The ideas in this book will help you make connections to what you already know about the teaching of writing within literacy instruction and build on what you’ve learned about the development of classroom communities that support maths talk. Writing also provides teachers with a window into each student’s thinking and informs instructional decisions.

The authors offer practical advice about how to support writing in maths, as well as many specific examples of writing prompts and tasks that require high cognitive demand. Extensive stories and samples of student work give a vision of how writing in maths class can successfully unfold.

Other Resources

- *Engage in the Mathematical Practices: Strategies to Build Numeracy and Literacy With K–5 Learners* (SOT1567)
- *The New Art and Science of Teaching Mathematics, Revised Edition* (SOT5404)
- *Open Middle Math: Problems That Unlock Student Thinking, Grades 6–12* (SHP9044)
- *Moving Math: How to Use Thinking Skills to Help Students Make Sense of Mathematical Concepts and Support Numeracy Development* (PBP8498)