

# Mathematics Tasks for the Thinking Classroom, Grades K-5

Peter Liljedahl | Maegan Giroux

*Practical and proven math tasks to maximize student thinking and learning*

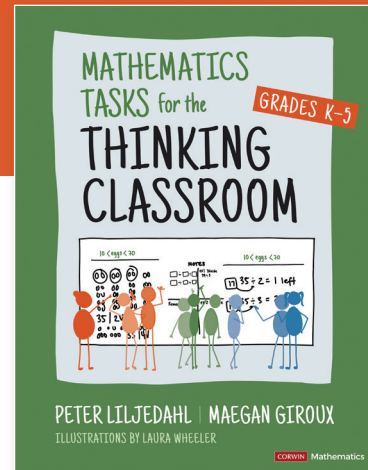
Building upon the blockbuster success of Building Thinking Classrooms in Mathematics, Peter Liljedahl has joined forces with co-author Maegan Giroux to bring the Building Thinking Classrooms (BTC) framework to life in this new book, Mathematics Tasks for the Thinking Classroom, Grades K-5.

But this book is so much more than simply a collection of good thinking tasks. It delves deeper into the implementation of the 14 practices from the BTC framework by updating the practices with the newest research, and focusing on the practice through the lens of rich math tasks that address specific mathematical learning outcomes or standards. Across the 20 non-curricular tasks and 30 curricular tasks used as models, this book:

- Helps you choose tasks to fit your particular math standards, goals, and the competencies you want your students to build
- Walks you through all the steps and scripts to launch, facilitate, and consolidate each task
- Shares examples of possible student solutions along with hints you might offer to help their thinking along
- Offers tasks for consolidation, example notes to my future forgetful self, and mild, medium, and spicy check-your-understanding questions (CYUs) for every thin sliced sequences of curricular tasks
- Imparts reflections from the authors on each task

The book closes with specific guidance on how to find more tasks or craft your own non-curricular and curricular tasks, along with answers to educators' frequently asked questions. It includes access to a companion website that includes downloadables and a task template for creating your own tasks.

Whether you are new to BTC or a seasoned user, Mathematics Tasks for the Thinking Classroom, Grades K-5 will help teachers, coaches, and specialists transform traditional math classrooms into dynamic and thought-provoking learning spaces.



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## FIVE STAR REVIEWS



"BTC just got easier to do in your classroom! This book is a must for anyone wanting to build a thinking classroom. We have talked for years, and years, that students need to be doing the thinking and talking in the math classroom, well this book gives you the tools to actually do it! Whether you've read the original BTC book or not, this book gives you MORE... more tasks, more insights, more ideas. If you want to get kids thinking, add this book to your collection."

—Christina Tondevold  
Founder, Build Math Minds  
Orofino, ID